TRIGONOMETRIE,

OR,

The manner of calculating the *Sides* and *Angles* of *Triangles*, by the Mathematical *Canon*, demonstrated.

By *William Oughtred* Etonens.

LONDON,
Printed by *R.* and *W. Leybourn*, for *Thomas Johnson* at the Golden Key in St. *Pauls* Church-yard
M.DC.LVII.

Rare book room
History of science
Johnson
2-6-46
54460

To the right Worſhipful WILLIAM BACKHOUSE of *Swallowfield* Eſq.

SIR,

YOur favourable reception of this Trigonometrie *in the former Latine Edition, encourages me to make this ſecond preſentation of it to you, nor will you now I preſume deny it your patronage, although it have learnt another Language. The Book and Authour are ſtill the ſame, nor will you finde the leaſt altetation except in the Rules for correcting the Canon which was oc-*

casioned by a mistake, the number of Figures in the Tables falling short of that required and used in the rules, sprung from the intention of Printing it in octavo, for which volume the number of Figures was resolved on, and upon the changing the Volume forgot to be altered, The reverend Author has both discovered and amended the errour, in the appendix, as farre as could be, as you may there perceive. VVhy this English Edition should so soon follow the Latine, the Stationer is able to give a better account then I, though it may be pleaded that many ingenious men and much addicted to these studies, are yet not qualified to read them in Latine, but are content to have no more Languages then they have tongues: I must confess I am much of their opinion who think translations the greatest enemies of Learning, but do not conceive that censure reaches things of this nature which are sometimes of use to persons who it cannot be expected should understand any

Lang-

Language other then what their Nurſes taught them. But it is not my intent to apologize, if you pleaſe to look upon this as an occaſion taken to make a farther acknowledgement of my obligations to you I have my aime, and ſhall alwayes be ambitious to approve my ſelf

SIR,

Your obliged ſervant and honourer,

R. S.

An explication of the Symbols.

= *Equalitie*

\+ *Addition*

— *Subduction*

∝ *Multiplication*

:: *Proportionalitie*

Z *The ſumme*

X *The difference*

$\overline{V}$ *Equivalence in number of degrees*

∠ *Angle*

∠∠ *Angles*

□ *Rectangle*

⌒ *Conjunct arch*

OF THE MENSURATION OF *TRIANGLES.*

CHAP. I.

Certain prænotions for the calculation of Triangles of both kindes.

I. A Plain Triangle is contained under three right lines: and a Spherical Triangle under three arches, or periferies of great Circles. For as in a plain Triangle the ſhorteſt ſpace between two points is a right line: So in a Sphere, the ſhorteſt ſpace between two points, is an arch of a Great Circle.

II. A right angled triangle is noted with the letters A B C, ſo as A is alwayes the Right angle, B A the Baſe, C A the Cathetus, B C the Hypotenuſe, B the angle at the Baſe, C the angle at the Cathetus. But an Oblique angled Triangle is noted with the letters B C D; ſo that by a Cathetus from the angle C, it may be divided into two Triangles, having a common Cathetus C A: and then the ſide B D will be the true Baſe, whoſe caſes are B A, & D A, the particular Baſes, and the ſides B C, & D C, will be the Hypotenuſes.

III. In all Triangles, the greater ſide ſubtends the greater angle: and the contrary. And the greater every angle is within the leſſe legs it is included.

IV. In all plain triangles, two angles being given, the third is given alſo: and one angle being given, the ſum of the other two is given: for the three angles together are equall to two right; that is *gr.* 180. But in Sphericall Triangles, the three interior angles exceed two right, which in its place ſhall be demonſtrated.

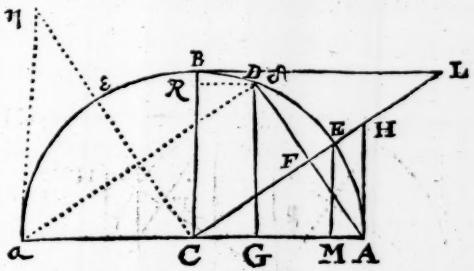
V. In a plain Right angled Triangle, one of the acute angles is the complement of the other: but in a Sphericall right angled triangle, one of the acute angles is greater then the complement of the other. For it follows from the former.

The complement of an arch is ſpoken of an arch leſſe then 90 degrees; *viz.* 90 — arc. and is therefore affirmative. The exceſſe is ſpoken of an arch greater then 90 degrees, and therefore if it be ſubducted out of 90, the difference or exceſs will be negative, with this Symbole — prefixed: as the complement of 52, is 38; the exceſſe of 128, is — 38 negative. The complement of an arch to a Semicircle is called the conjunct,

junct, and is thus noted' : as 52' is 128. Note, that the addition of a negative magnitude is by Subduction, and Subduction by Addition. As the sum of 45 and — 38, is 7: and the difference of 45 and — 38, is 83.

VI. An arch and its Conjunct, as 52 and 128, have the same right Sine, Tangent and Secant.

VII. The Versed Sine of an arch lesse then a Quadrant, is lesse then the Radius: of a biger, biger: and in both, the difference from the Radius, is the sine of the complement of the said arch. The versed sine of 52 is the Radius — s co 52. The Versed sine of 128, is the Radius + s co 52. The Versed sine of the arch A E D, is G A = C A — D R. And the Versed sine of the conjunct arch $\alpha \varepsilon \delta$, is C α + D R.



VIII. As the Tangent of an arch, is to the Radius, so is the Radius, to the Tangent of the complement.

t ar . Rad. :: Rad. . t co arc.

For,

AH . CA :: CB . BL.

IX. As the sine of an arch is to the Radius, so is the Radius, to the Secant of the complement.

s arc. Rad :: Rad. se co arc.

For

EM. EC :: CB. CL.

And this is the manner of finding the Secant of an arch, if the Logarithme of the ſine of its complement be taken out of 20,000000.

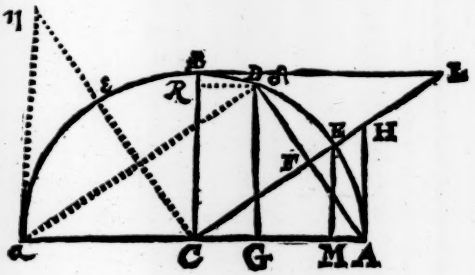
X. As the ſine of the complement of an arch, is to the ſine of it; ſo is the Radius, to the Tangent of the ſame arch.

s co arc. s arc :: Rad. t arc.

For

CM. EM :: CA. HA.

XI. The Tangents of arches, to the Tangents of their complements, and the ſines of arches, to the Secants of their complements, are in reciprocal proportion.



THE DEMONSTRATION.

For if the two arches are A & B } t A. R :: R. t co A.
by § 8, as to the tangents } t B. R :: R. t co B.
Therfore, t A. t B. :: t co B. t co A

And

And by the 9th. § as to the secants } s arc A. R :: R. sec o A.

XII. As the Radius, is to the ſine of half an arch; ſo is the ſine of that half arch doubled, to the verſed ſine of the whole arch.

$$R . s\tfrac{1}{2}\text{arc} :: 2 s\tfrac{1}{2}\text{arc} . s \text{ ver arc} = \frac{2 Q : s\tfrac{1}{2}\text{arc}.}{R.}$$

For

CA. AF:: AD. AG

XIII. As the Radius, is to the ſine of an arch; ſo is the Tangent of that half arch, to the verſed ſine of the whole arch.

$$R . s\text{arc} :: t\tfrac{1}{2}\text{arc} . s \text{ ver arc} = \frac{s\text{arc} \times t\tfrac{1}{2}\text{arc}.}{R}$$

For

CA. DG:: AH. AG.

Conſect. $2 Q\, s\tfrac{1}{2}\text{arc} = s \text{ ver arc} \times R = s\text{arc} \times t\tfrac{1}{2}\text{arc}.$

XIV. If any ſpherical Triangle propoſed, have two ſides each bigger then a Quadrant: keep the leaſt ſide, and leaſt angle oppoſite to it: & for the other two ſides and angles, take their complements to a ſemicircle, or conjunct arches.

XV. If it be required to turn a propoſed ſpherical Triangle into another ſpherical Triangle, the ſides of which ſhall be equal to the angles of the propoſed Triangle: and the angles to the ſides; in ſtead of the greater angle of the propoſed Triangle, and the greater ſide ſubtending it, take their complements to a ſemicircle, retaining the two leſſer angles, and leſſer ſides ſubtending them,

Let

Let the greater angle be noted with B, whose complement to a ſemicircle is B'. So take D C' for B'; B D for C, and B C for D.

XVI. In Logarithms the Index of the Radius is 10, the double whereof 20, is the Logarithm of the Quadrat of the Radius.

I have here added three Schemes, noted with the letters A B C; which do briefly contain, as well the grounds of the Projection of the Sphere in Plain, as many other things neceſſary for the drawing and underſtanding of the Diagrams uſed in the Spherical Demonſtrations.

Note that the Symbole $\overline{v}$ ſignifies equivalence in number of degrees; as D the right line $\overline{v}$ to the arch E, is the ſame as if I had ſaid, the line D is equivalent to, in number of degrees (or contains as many degrees as) the arch E,

And that I call it a *Like arch*, which being numbered in a leſſer circle, containeth ſo many degrees.

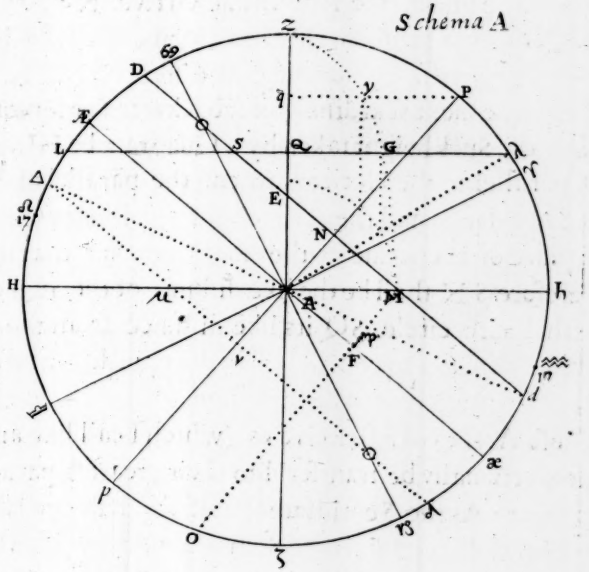
XVII. In the Scheme A.

1 The Circle H ♋ h ♈ is the Solſtitiall Colure, and Meridian. The center A the Eaſt or Weſt point.

2 H A h is the Horizon, whoſe Axis Z A ζ is alſo the Azimuth through Eaſt and Weſt, or 90th. Æ A æ is the Æquinoctiall; its Axis P A p is alſo the ſixth houre circle. ♋ A ♈ the Ecliptick; ♈ A ♎ its Axis, and is alſo a Circle paſſing through the Æquinoctiall points ♈ and ♎. h P the heighth of the Pole, whoſe complement H Æ is the elevation or height of the Æquinoctiall.

3 Sup-

3 Suppoſe the place of the Sun in ♌ 17, the diſtance from ♋ is 47 *gr.* or in ♒ 17, the diſtance from ♈ is 47 *gr.* which is eaſily found in the limbe by the next foregoing Cardinall point ♈ ♋ ♎ ♑.



4 Take the neereſt diſtance of the place of the Sun ſo found, from the axis of the Ecliptick ♈ A ♎, and in the Ecliptick meaſure equall unto it A ☉, in the ſemidiameter A ♋ for the Somer, or in A ♑ for the Winter, and through the point ☉ draw

draw a parallel to the Æquinoctial D d, △♑; which is the parallel of the ſunne for all that day.

5. Hence it appears that the ſunne that day riſes or ſets in the point M or μ culminates at noon in D or △: comes to the ſixth houre in N, the 90 th. Azimuth in E. Wherefore A M or A μ, is the ſine of the Amplitude Ortive. N☉ is the like right aſcenſion of the ſunne. M D or μ △ the like ſemidiurnal arch. M N or μ ♈ the like aſcenſional difference, to be numbred from the next Cardinal point backward or forward.

6 Let the Suns height taken by a Quadrant be HL, Draw L Q λ parallel to the Horizon, to cut the parallel of Declination D N d in S, and the Axis of the Horizon in Q: S will be the place of the Sunne in the Analemme for that inſtant. Wherefore S N ſhall be the like diſtance of the Sunne from the ſixth houre circle. SQ its like diſtance from the 90 th. Azimuth. Whence may be found in the parallels, as well the houre, as Azimuth from the Meridian.

7 Thoſe Arches of leſſer circles (which I call like arches) may proportionally be transfer'd to their greateſt parallel, in this manner: As the Semidiameter of the leſſer parallel, is to the like diſtance; ſo is the Semidiameter of the Circle H Z h ζ, to the ſigne of the true diſtance from the Center.

We will inſtance in the like Aſcenſ. diff. N M (by which way of working all other like diſtances may reſpectively be reduced to their true ſines.)

To the end of the parallel NMd, draw a ſemidiameter A d, and within the Triangle ANd draw from M, the line M φ parallel to the baſe AN. it ſhall be Nd. NM :: Ad. φA φ = AF, the

the ſine of the Aſcenſ: difference, by which the Semidiurnall arch is more or leſs then ſix houres.

8 Hence in the Analemme ſufficiently appeareth both the diviſion of the Semidiameter into degrees by right lines parallel to the axis let down from the degrees of the limbe, which are Signes. And ſo A N ♈ Æ D, & A Q ♈ H L.

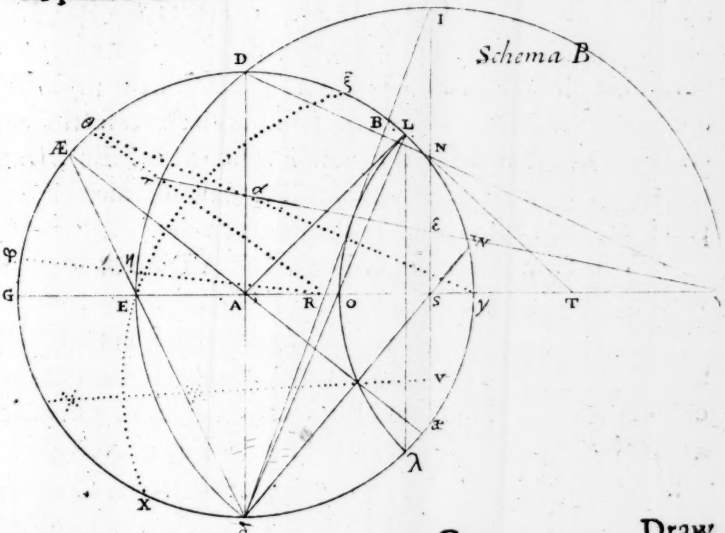
9 And alſo the deſcribing of an Ellipſis from a given point M, in any ration of the Tranſvers diameter A h, unto the ſecond diameter A M thus.

A h. A M:: Q λ. Q G:: q P. q γ. The crooked linedrawn with an equal hand through the points Z γ G M will be an Ellipſis.

XVIII. In the Schem B.

1 Let the line of meaſures be G A γ, in whoſe lower pole ſ let the eye be ſuppoſed to be placed.

2 Let the great Circle to be deſcribed be Æ A æ, whoſe obliquitie is G Æ.



Draw

Draw the line ♂ E Æ, E will be its place in the line of measures; & G E ♈ G Æ. & A E ♈ D Æ. Therefore,

3 The Semidiameter is divided by the tangents of half degrees. So S ε ♈ E τ.

4 The description of the circle Æ A æ, is after this manner; from the pole of the line of measures D, measure D B= G Æ=B W; and draw the lines ♂ R B, ♂ S W; R will be the pole, and S the center of the circle ♂ E D Y; the Radius being S E=S ♂: for the angle: S E ♂=S ♂ E, becauſe the ang. E= A Æ E + Æ A E, that is A ♂ E + A ♂ S, for the arch D W= 2 G Æ.

5 To deſcribe the parallel L λ whoſe pole is γ. Draw the Radius A L, and perpendicular to it L T (which touches the circle in L) I ſay T is the center of the parallel L O λ; the Radius being T O=T L. For the ang. T O L=T L O; becauſe the ang. O=A L O + L A O, that is O L λ + λ L T.

6 If through S the center of the circle ♂ E D Y be drawn at right angles the line I S V in that line infinitely produced both wayes ſhall be the centers of all the circles biſecting the circle G D γ ♂ through the point E: ſuch as is X E ξ, from the center V; in which the points X & ξ are diametrally oppoſed, as in the deſcription of the houre circles.

7 We may conceive G D ♈ E D ♈ A D ♈ S N ♈ 90 gr: whence it followes, that.

The Quadrant E D is divided into degrees from its pole R by the degrees of the Quadrant G D; that is E τ ♈ G θ. for G θ ♈ A α ♈ S ε ♈ E τ. and therefore G θ ♈ E τ, all which æquivalencies the ingenious reader will eaſily conceive.

8 And converſively the given point τ in the Quadrant E D,

E D, is transferred into the limb, by drawing the line R τ θ from its pole R. Therefore if in the same great circle D E δ, another point n be given and through it be drawn the line R n φ: the arch θ φ will be the measure of the space between τ & n.

XIX. In the Scheme C.

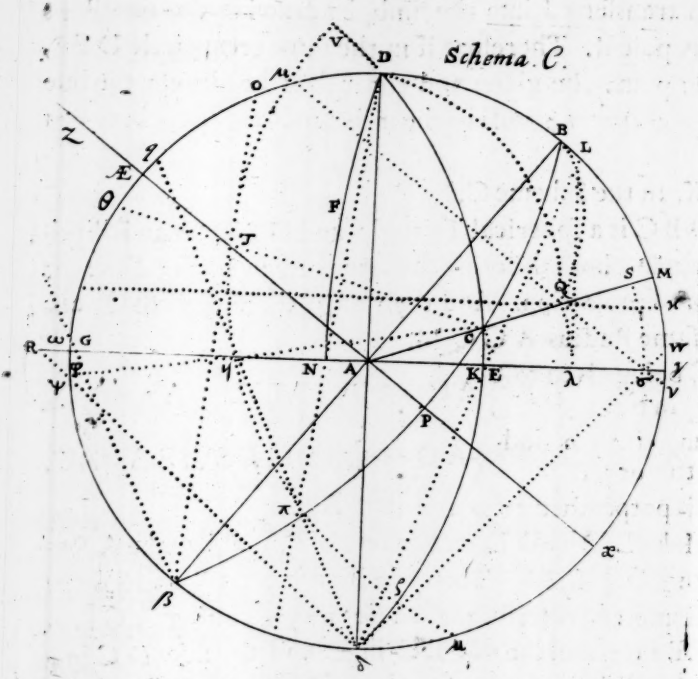
1. D B C is a spherical Triangle, and D B Q is an Elliptical triangle; both denoting the same; though after different manner of projection. And their angular points C & Q are in the same Radius A C Q M.

2. C being given to find Q in this order } A C = A E. δ E L. L λ. A λ = A Q.

Q, being given to find C, in this order } A Q = A λ. λ L. L E δ. E A = AC.

L λ is perpendicular to the line A γ.

3. Make L W = D L, and draw δ σ W, also make A S = A σ: and D μ = γ M. Then S being the center, and S μ the Semidiameter, describe the circle μ n τ μ cutting A G in n, and A Æ in τ, and the side B C in π, and the side D C in ϱ and V. n will be the pole of the base D C; τ the pole of the leg B C; and A the pole of the leg D B: which is manifest.



4 From C the pole of the circle $\mu\,\eta\,\tau$, draw two right lines C $\tau\,\theta$ & C $\eta\,\varphi$; Then is $\varphi\,\theta = \tau\,\eta =$ ang: C.

5 Draw $\delta\,\eta$ q, and measure q $\psi =$ D q: Then through ψ draw $\delta\,\psi$ R: R will be the Center of the arch D C δ. in like manner draw $\beta\,\tau$ o, and make o $\omega =$ B o: Then through ω draw $\beta\,\omega$ Z, Z will be the Center of the arch B C β; so is the Triangle D B C described.

6 If

6 If through the angular point Q be drawn two right lines, the one Q χ parallel to the Diameter G A γ, the other Q ν parellel to the Diameter Æ A $\varkappa$, then will $\gamma\chi \bar{\vee}$ C K, and $\varkappa\nu \bar{\vee}$ C P.

7 The three interior angles of a ſpherical Triangle together, do exceed two right angles, or 180 degrees. For in the Triangle A $\tau\pi$, A = D B, τ = P π = B C $\bar{\vee}$ B ν, π = K ϱ' = D C' = δ C $\bar{\vee}$ $\delta\chi$. But D B + B ν + $\delta\chi$ = 180 + $\chi\nu$.

8 Hence it followes, that in a right angled Spher: Triang: one of the acute angles is greater then the complement of the other.

9 It followes alſo, that if we ſuppoſe $\chi\nu$ = 2 gr. and make A N $\bar{\vee}$ $\chi\nu$; and draw the arch D F N: the Triang. A $\eta\tau$ = A D F N. For either of them conteines two right angles and two degrees: But the Triang. A D F N is equall to a 180 th. part of the ſuperficies of the Hemiſphere; that is a 360 th. of the whole Sphere.

The Reduction to ſquare degrees (which is the known meaſure) is performed thus. Say 355. 113. :: 360. 114 $\underline{59155}$, which is as well the Diameter of the greateſt circle, as the meaſure of one 360 th. part of a ſuperficies = to the Sphere, in ſquare degrees. For 360 × 114$\underline{59155}$ = 4 greateſt circles = ſuperficies of the Sphere; which being divided by 360, you have again 114,$\underline{59155}$.

If any other number of degrees be propoſed, viz: 26. Say. 1, 114$\underline{59155}$:: 26. 2988$\underline{74023}$.

CHAP.

CHAP. II.

The Calculation of plain Triangles: and first of a plain right angled Triangle.

I. IN the resolution of plaine Triangles, the angles only being given, the sides cannot be found; but only the ratio of the sides. Wherefore it is necessary, that one of the sides be known.

And in a right angled Triangle, two termes (besides the right angle) will serve for the finding out of the third; so that one of them be a side. Therefore in the Calculation, three termes are ingredient.

II. If of the three ingredient termes, one be the Hypotenuse: Then, as the Radius, is to the sine of an acute angle: so is the Hypotenuse, to the side subtending the said angle; And so is the secant of the other acute angle, to the Radius.

Rad. s B :: BC. CA :: *se* C. *Rad.*

Rad. s C :: BC. BA :: *se* B. *Rad.*

III. If

III. If neither of the three ingredient termes, be the Hypotenuse: Then, as the Radius, is to the tangent of an acute angle: so is the right side lying to that angle, to the side subtending the same angle; And so is the Tangent of the other cute angle, to the Radius.

Rad. t B :: BA. CA :: t C. *Rad.*

Rad. t C :: CA. BA :: t B. *Rad.*

Of a plain oblique angled Triangle.

IV. In an oblique angled Triangle, If three termes be given, so that one of them be a side, a fourth may be found. Therefore there are four termes ingredient in the calculation.

V. If the four ingredient termes in the calculation, be mutually opposed, *viz.* two angles with their subtending sides: The sines of the angles, are in direct proportion to the sines of the subtening sides. But here it ought to be know, whether the angle sought be acute, or obtuse.

s B. DC :: s C. BD :: s D. BC.

For *Rad.* s B :: BC. CA.

Rad. s D :: DC. CA.

---

s B. s D :: DC. BC.

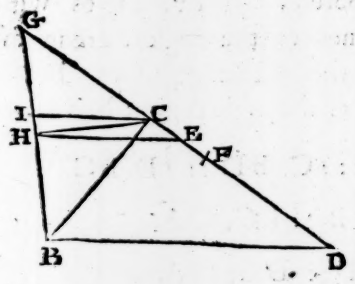
VI. Two

VI. Two legs, with the angle intercepted, being given; to find the other two angles. Subduct the angle given out of 180, and you shall have the ſumme of the other angles. Then ſay, as the half ſumme of the legs given, is to their half difference: ſo is the Tangent of the half ſumme of the other angles, to the Tangent of their halt difference.

Laſtly, to the half ſumme of the other angles, adde their half difference, and you will have the greater angle ſought; Subduct it, and you will have the leſſer angle ſought.

$\frac{1}{2}$ Z crur. $\frac{1}{2}$ X crur. :: t $\frac{1}{2}$ Z ⊥ . t $\frac{1}{2}$ X ⊥.

$\frac{1}{2}$ Z ⊥ $\pm$ $\frac{1}{2}$ X ⊥ = ang. $\begin{cases} \text{greater} \\ \text{leſſer} \end{cases}$



DEMONSRATION.

For in the Triang. B C D, let the legs be C B, C D; & C G = C B. Wherefore $\frac{1}{2}$ Z crur. = E G, and $\frac{1}{2}$ X crur. = E C. Draw C H biſecting B G at right angles, and make the ang. G C I = D. Then will the ang. G C H = $\frac{1}{2}$ Z ⊥ B and D, whoſe

whose tangent is H G: and the ang. I C H $= \frac{1}{2}$ X ∠∠ B and D, whose tangent is H I.

But E G. E C :: H G. H I. That is:

$\frac{1}{2}$ Z cru. $\frac{1}{2}$ X cru :: t $\frac{1}{2}$ Z ∠∠ . t $\frac{1}{2}$ X ∠∠.

VII. Having the three sides given, how to find any angle. As the rectangle under the leggs of the angle sought, is to the rectangle under the half summe of the Base and the difference of the leggs, into the halfe difference of the Base and difference of the leggs: so is the Quadrat of the Radius, to the Quadrat of the sine of halfe the angle sought.

$$\square \text{ cru. } \frac{B + X \text{ cru}}{2} \times \frac{B - X \text{ cru.}}{2} :: R\,q.\ Q : s\ \tfrac{1}{2} \text{ ang.}$$

Or otherwise. As the rectangle under the leggs of the angle sought, is to the rectangle under the half summe of the summe of the leggs and the base, into the halfe difference of the summe of the leggs and the base: so is the quadrat of the Radius, to the Quadrat of the sine of the complement of half the angle sought.

$$\square \text{ cru. } \frac{Z \text{ cru} + B}{2} \times \frac{Z \text{ cru.} - B}{2} :: R\,q.\ Q : s\ co.\ \tfrac{1}{2} \text{ ang.}$$

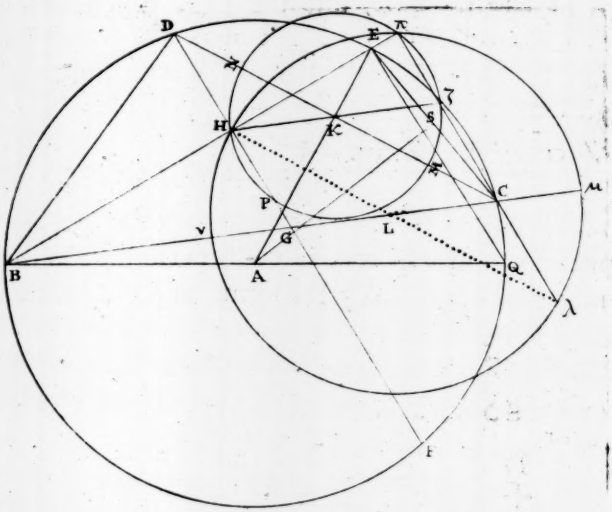
The effection of these two problemes for the avoiding of multiplication and division, is easily performed by the Logarithmes; as appeares by the forme of the operation following.

cru $\left\{\begin{matrix} B\,D.\ Log \\ B\,C.\ Log \end{matrix}\right\}$ sum.	cru $\left\{\begin{matrix} B\,D.\ Log \\ B\,C.\ Log \end{matrix}\right\}$ sum.
X crur	Z crur
Base D C	Base D C
Base + X cru. 1	Z crur + Base. 1
Base − X cru. 2	Z crur − Base. 2

Half 1. Log.	Half 1. Log.
Half 2. Log.	Half 2. Log.
+ 2 R — Log ſumme	+ 2 R + Log ſumme
Is the double ſine	Is the double ſeo
of $\frac{1}{3}$ ang. B	of $\frac{1}{3}$ ang. B.

DEMONSTRATION.

Let there be a plain Triangle B C D, of which the three ſides are given, namely B C, B D, the leggs, and D C the baſe of the angle B ſought; circumcribe the Triangle with a circle, whoſe Diameter is B A Q, and biſect the angle B, with the line B E, which ſhall alſo biſect the arch D C; meaſure Q F = D E; and draw two lines. *viz:* D H, G F, cutting B E in H, and B C in G: and E Q, which ſhall be parallel to D F.



And

And a third line parallel to them through C cutting B E produced in π. The angles E π H shall be right angles: and B G = B D: and H G = D H. Draw also C E and A S a perpendicular unto it from the Center. Then the base D C being bisected in K, and G C the difference of the leggs in L, from the point H draw H K ζ, and H L λ, concurring with C π in ζ and λ. Tis manifest that the Triangles D K H, C K ζ, H L G, λ L C, are equal and like: and therefore H L λ is equal and parallel to the Base D C. Then K being the Center, and the Diameter H ζ; and L being the center; the Diameter H λ; describe the circles H π ζ, and H π λ, passing also through π, because the angle π, is a right being in a semicirle; and the arches H P, π ζ in the lesser circle are equal. These being explained and cleerly proved. I say,

I°. Rq. Q. s $\frac{1}{2}\angle$ B :: B D × B C. $\frac{\text{B+X cru.}}{2} \times \frac{\text{B-X cru}}{2}$

For, $\left\{\begin{matrix} \text{AE. ES :: BD. DH} \\ \text{AE. ES :: BC (C}\pi\text{) DP.} \end{matrix}\right\} = \left\{\begin{matrix} \text{DM} \\ \text{DN} \end{matrix}\right\} \times$ Ergo

II°. Rq. Q. s co $\frac{1}{2}\angle$ B :: B D × B C. $\frac{\text{Z cru + B}}{2} \times \frac{\text{Z cru.-B.}}{2}$

For $\left\{\begin{matrix} \text{AE. AS :: BD. BH.} \\ \text{AE. AS :: BC. B}\pi \end{matrix}\right\} = \left\{\begin{matrix} \text{B}\mu \\ \text{B}\nu \end{matrix}\right\} \times$ Ergo

For D M = D K + G L. and D N = D K − G L.

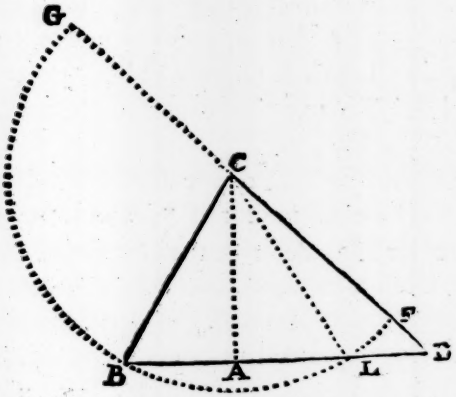
And B μ = B L + D K. and B ν = B L − D K.

Because G L = H K = K M. and D K = H L = L μ.

VIII. Or otherwise, three sides being given, the angles are found thus.

As the summe of the cases of the base, is to the summe of the leggs: so is the difference of the leggs, to the differences of the cases of the Base,

DA+BA. DC+CB:: DC—CB. DA—BA,
that is DB. DG :: DF. DL.



For in the Triang. BCD the greater baſe BD is Z of the caſes = DA + BA: and the leſſer baſe DL is X of the caſes = DA — BA.

And Z cru. = DG. X cru = DF.

But BD. DG:: DF. DL.

Then DB — DL = 2BA. And DB — BA = DA.

Laſtly, CB. BA :: R *sco.* B.

And CD. DA :: R *sco.* D.

IX. But if two ſides be given, with the angle oppoſite to one of them, to find the third ſide, or the angle oppoſite to the third ſide, you muſt firſt find the angle oppoſite to the other of the ſides given, whence you may have both the third angle, and ſide ſubtending it.

CHAP.

CHAP. III.

The Calculation of Spherical triangles, and first of a right angled Spherical triangle.

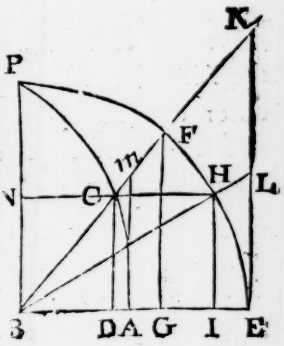
I. THE Sines of the Hypotenuses, are to the Sines of the Catheti, in direct proportion.

R. *s*BC :: *s*B. *s*CA

II. The Sines of the Bases, to the Tangents of the Catheti, are in direct proportion.

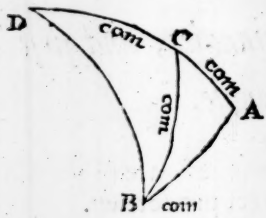
R. *s*BA :: *t*B. *t*CA
Wherefore R. *t co*B :: *t*CA. *s*BA

For (according to what is delivered in the Scheam A) suppose B P E to be a Quadrant of the Analemme, in which are described, the Spherical triangles B F E the greater, and BCA the lesser: together with the Sines of the arches F G. C D = HI, and the Tangents K E, L E. First, 'tis manifest, *s* hypot. BF. BC :: *s* cath. FG. CD. Secondly, *s* bas. BE. BA :: *t* cath. KE. MA = LE. for BN. EL :: HN. BE :: NC. AB :: BN. AM.



III. In

III. In a Spherical Triangle, which has either one angle a right angle; or one side equal to a Quadrant of a circle (which is therefore called a Quadrantal) there are five circular parts or terms, for the Quadrant is not numbred amongst the terms. And of the five terms, besides those which are on each side neerest to the right angle, or Quadrantal side, the other three are turned into their complements as appears in the Scheam. Two of these terms being given, a third may be found. Three terms therefore are ingredient into the calculation.



IV. If of these three ingredient terms, two are next together, the third remote from both: It shall be; As the Radius, is to the Sine of the complement of one of those next terms: So is the Sine of the complement of the other next terme, to the Sine of the remote term.

If the three terms are all next. Then, As the Radius, is to the Tangent of one extreame terme; So is the Tangent of the other extream term, to the Sine of the middle term.

The order of the five circular terms, in the right angled Spherical Triangle B A C.

C A,

C A, B A, co B, co B C, co C. and it ſhall be.

Rad.	C A. B A	co B C	Rad.	C A. co B. B A
	B A. co B.	co C		B A. co B C. co B
	co B. co B C.	C A		co B. co C. co B C
	co B C. co C.	B A		co B C. C A co C
	co C. C A.	co B		co C. B A. C A.
	next	remote		extream middle
	s co	ſin.		tang. ſin.

Hence ariſe ſo many Analogiſmes.

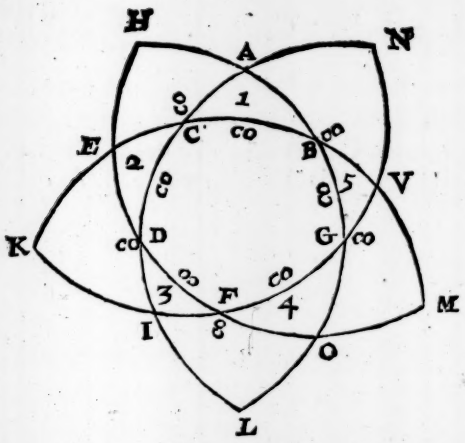
R. s B :: s B C. s C A R. t co B :: t C A. s B A
R. s C :: s B C. s B A R. t B A :: t co C. s C A
R. s co B A :: s B. s co C R. t co B C :: t B A s co B
R. s C :: s co C A s co B R. t C A :: t co B C s co C
R. s co C A :: s co B A s co B C R. t co C :: t co B. s co B C

DEMONSTRATION.

The quinquangle in the middle of the Scheam is included with the Hypotenuſes of five right Triangles, noted with the figures 1, 2, 3, 4, 5.

In each of which, let the preceding angle be ſuppoſed B, the following C, and the right A. The circular terms of the four later triangles (2, 3, 4, 5,) are compared with the circu-

lar



lar terms of the first, according to the Tables following, in two equal proportions; the first of which is taken out of the Analogismes; the later is the same with the 1, only the letters changed.

	Tri.	
R. *s*B :: *s*BC. *s*CA		R. *t co*B :: *t*CA. *s*BA
R. *s*BC :: *s* C. *s*BA		R. *t*BA :: *t co*C. *s*CA
R. *s*F :: *s*FG. *s*GO	4 3	R. *t co*D :: *t*FI *s*DI
R. *s co*BA :: *s*B. *s co*C		R. *t co*BC :: *t*BA *s co*B
R. *s*D :: *s*DF. *s*FI	3 4	R. *t co*F :: *t*GO. *s*FO
R. *s*C :: *s co*CA *s co*B		R. *t*CA :: *t co*BC *s co*C
R. *s*C :: *s*CD. *s*DE		R. *t co* G :: *t*BV *s*GV
R. *s co*CA :: *s co*BA *s co*BC	2 5	R. *t co*C :: *t co* B. *s co*BC
R. *s*G :: *s*GB. *s*BV	5 2	R. *t co*C :: *t*DE *s*CE

Note

Note that by Sect: 8 C: 1, the five last Analogiſmes concerning the Tangents may be varied three ways, ſo that the Radius may be in the firſt place, and each of the three ſpecies in the laſt.

For example
R. *t co* B :: *t* C A. *s* BA.
R. *s* B A : : *t* B. *t* C A
R. *s* BA :: *t co* CA. *t co* B

A quadrantal Triangle is meaſured after the manner of a rightangled Triangle, *mutatis mutandis*..

The order of the circular termes in the Quadrantal Triangle B C D. is

B, D, *co* DC, *co* C, *co* BC. And.

Rad.	B.	D.	*co* C	*Rad.*	B	*co* D C.	D
	D.	*co* DC.	*co* BC		D.	*co* C.	*co* D C
	co DC.	*co* C.	B		*co* DC.	*co* BC.	*co* C
	co C.	*co* BC.	D		*co* C.	B.	*co* B C
	co BC.	B *co* D C			*co* B C.	D.	B
	next	*remote*			*extreme*	*midd.*	
	s co	*ſine*			*tang.*	*ſin.*	

If any one deſire the Analogiſmes, hee may from hence eaſily obtaine them.

Otherwiſe for the Quadrantal triangle B C D, reſolve the adiunct rectangled triangle B A C.

V. Of an Oblique angled Spherical Triangle:

In a Spherical Triangle which has neither one angle, nor one side equal to a Quadrant of a circle, there are six circular parts or termes viz: three angles, and three sides, and three of these being given, a fourth may be found.

Therefore there are foure termes ingredient into the Calculation.

VI. If the foure termes in the calculation are mutually opposed; that is, two angles with the sides subtending; The sines of the angles, to the sides subtending them, are in direct proportion.

But here it is needfull to be knowne, whether the terme sought be greater or lesse then a quadrant.

$$s\,B.\,s\,DC :: s\,C.\,s\,BD :: s\,D.\,s\,BC.$$

$$\text{For } \left\{\begin{array}{l} R.\,s\,B :: s\,BC.\,s\,CA \\ R.\,s\,D :: s\,DC.\,s\,CA \end{array}\right\} s\,B.\,s\,D. :: s\,DC.\,s\,BC.$$

VII. The two leggs with the angle intercepted being given, to find the other angles. Say first, As the Sine of the halfe summe of the legs, is to the Sine of the halfe difference of the legs: So is the Tangent of the complement of halfe the angle contained under them, to the Tangent of the half difference of the other angles.

Then, As the sine of the complement of the half summe of the legs, is to the sine of the complement of the half difference of the legs: so is the Tangent of the complement of half the angle contained, to the Tangent of the half summe of the other angles.

Lastly, add the half difference of the angles to the half summe, and you have the greater angle sought: subduct it, and you have the lesser.

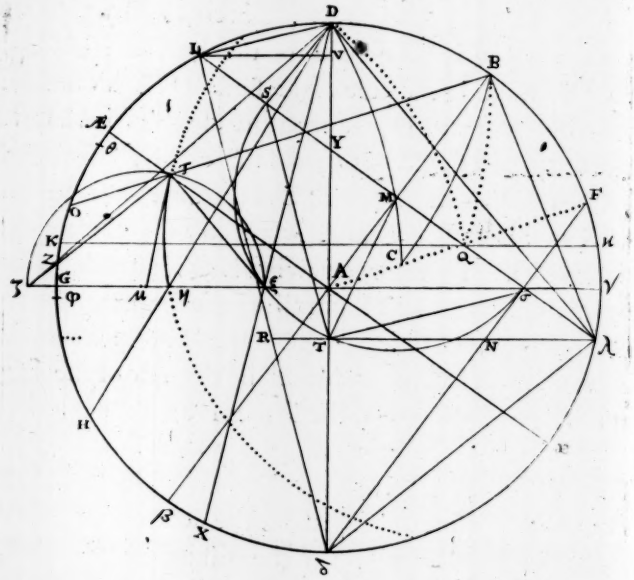
s ½ Z cru. s ½ X cru :: t co ½ L. t ½ X ⊔

s co ½ Z cru. s co ½ X cru :: t co ½ L. t ½ Z ⊔

DEMONSTRATION.

In the following Scheme, DB, and DC, two legs of the Triangle D B C optically projected (to which D B Q answers in the Analemme) with the included angle D B C are given: C being the Pole, draw the arch ϕ τ; (by 3. schem. C;) The center A will be the pole of the leg B D; τ the pole of the leg B C; and ϕ the pole of the Base D C. Whence it followes, that A ϕ = t ½ D, the measure of which is δ H. the ang. C, the measure of which is θ φ = H Z = H X. The lines D Z ζ D ε X being drawne A ζ = t ½ Z of the ang: D & C; and A ξ = t ½ X ang: D & C; And A τ = t co ½ B, the measure of which is β O. Therefore drawing L Q λ parallel to the diameter Æ A æ; and K Q K parall: to the diameter G A γ; and δ σ F, and D S, parallels to the diam: B A β: and the other things as in the scheme; λ M wil be the sine of the leg B Q; that is B C; M S the sine of the leg B D; λ S the summe of the sines of the leggs; L S the difference of the sines of the leggs; λ T sin: Z cru, L V sin X cru; λ D the double sine of ½ Z cru; L D the double sine of ½ X cru; λ δ the doubles co ½ Z cru; L δ the double s co ½ X cru; upon the diameter ζ ξ, the center being μ describe the semicircle ζ τ ξ, which will passe through the point τ: for it is supposed to be a parallel to the great circle D C, through the pole of the circle B C.

Againe upon the diameter S σ, the center being M, deſcribe another arch S T σ, which alſo will be a ſemicircle. For the lines S T, σ T being drawne, the ang: Y T σ + S T Y = σ T Y + λ T σ, viz: a right angle: for the triang: D L Y, λ ♪ Y are like, and the triang: D L S, λ ♪ T are like. Wherefore L Y. ♪ Y :: (D L. ♪ λ) L S. δ T. and δ L, T S, are parallel. Then becauſe the triang: D λ S, λ δ σ are like; & the triang: D L S, λ δ T are like.



It will be $\left\{\begin{matrix} D\lambda.\ \underline{DS} :: \lambda\delta.\lambda\sigma \\ \underline{DS}.\ DL :: \lambda\ \underline{T}.\ \underline{\lambda\delta} \end{matrix}\right\}$ $D\lambda.\ DL :: \lambda T.\ \lambda\sigma.$

And

And becauſe the triang: $\lambda \delta \sigma$, $D \lambda S$ are like: and the triang: $L \delta \sigma$, $D \lambda T$ are like.

It ſhal be $\left\{ \begin{array}{l} \delta \lambda . \delta \sigma :: \underline{D \lambda}, \lambda S \\ \underline{\delta \sigma} . \delta L :: \lambda T . \underline{D \lambda} \end{array} \right\} \delta \lambda . \delta L :: \lambda T . \lambda S.$

Theſe benig ſo laid together and explain'd. I ſay.

Firſt, $D \lambda . D L :: A \tau . A \xi$.

That is $s \frac{1}{2} Z$ cru. $s \frac{1}{2} X$ cru $::$ t co $\frac{1}{2} L . t \frac{1}{2} X \perp\!\!\!\perp$

Secondly, $\delta \lambda . \delta L :: A \tau . A \xi$.

That is s co $\frac{1}{2} Z$ cru- s co $\frac{1}{2} X$ cru. $:: t$ co $\frac{1}{2} L . t \frac{1}{2} Z \perp\!\!\!\perp$

Both which will be manifeſt if I prove that $\left\{ \begin{array}{l} \zeta_{\lambda} T . {}_{\lambda} \sigma :: A \tau . A \xi \\ {}_{\lambda} T . {}^{\lambda} S :: A \tau . A \zeta \end{array} \right.$

For the proofe of which let us aſſume (which afterwards we will evince by a double demonſtration) that ${}_{\lambda} S . {}_{\lambda} \sigma :: A \zeta A \xi$

That is Z ſin cru. X ſin cru: $: t \frac{1}{2} Z \perp\!\!\!\perp . t \frac{1}{2} X \perp\!\!\!\perp$

For this benig granted, becauſe ang: $\mu A \tau = M \lambda T$; it will follow that the figures ${}_{\lambda} \sigma M S T$, $A \xi \mu \zeta \tau$ doe mutually anſwere one another with lines proportional.

For $\lambda S + {}_{\lambda} \sigma . {}_{\lambda} S - {}_{\lambda} \sigma :: A \zeta + A \xi . A \zeta - A \xi$. and the halfes ${}_{\lambda} . M . M \sigma :: A \mu . \mu \xi$.

But if two ſemicircles are ſo placed upon the ſame right line, that the diſtances of the centers from the beginning of the line (${}_{\lambda} M$, $A \mu$) are proportional to their ſemidiameters. ($M \sigma, \mu \xi$;) a right line drawn from the beginning of the line ſhall touch, or cut both of them alike; Ergo,

Now that wee may demonſtrate (which only remains;) that $\lambda S. \lambda\sigma :: A\zeta. A\xi.$ certaine, lemmata are to be premiſed.

Lem. 1. As the ſumme of the ſines of the ſides, is to the difference of the ſines of the ſides; ſo the ſumme of the ſines of the angles, is to the difference of the ſines of the angles. $s\,BC$ $s\,BD :: s\,D.s\,C.$ Wherefore $s\,BC + s\,BD.s\,BC - s\,BD ::$ $s\,D + s\,C.s\,D - s\,C.$

Lem 2. $\frac{s\,X\,\text{arc.} \times s\,\frac{1}{2}\,Z\,\text{arc.}}{s\,\frac{1}{2}\,X\,\text{arc.}} = Z$ ſin. arc. For $DL.LV :: D\lambda.\lambda S$

And $\frac{s\,Z\,\text{arc.} \times s\,\frac{1}{2}\,X\,\text{arc.}}{s\,\frac{1}{2}\,Z\,\text{arc.}} = X$ ſin arc. For $D\lambda.\lambda T :: DL.LS.$

Lem. 3. Becauſe by the conſect: to the 13 of Ch. firſt, $2\,Q : s\,\frac{1}{2}$ arc. $= s$ arc $\times\, t\,\frac{1}{2}$ arc. (whether the arches be ſides or angles) It ſhal be. $Q : s\,\frac{1}{2}\,Z$ arc. $Q : s\,\frac{1}{2}\,X$ arc. $:: s\,Z$ arc $\times\, t\,\frac{1}{2}\,Z$ arc. $s\,X$ arc. $\times\, t\,\frac{1}{2}\,X$ arc.

Theſe premiſed, I ſay $\lambda S. \lambda\sigma :: A\zeta. A\xi.$ that is Z ſin. cru. X ſin cru $:: t\,\frac{1}{2}\,Z\,LL. t\,\frac{1}{2}\,X\,LL.$ For $\lambda S. LS.$ that is, Z ſin. cru. X ſin. cru. Z ſin. $LL.$ X ſin. $LL.$

Lem: 1 that is $\left\{ :: \frac{s\,X\,LL \times s\,\frac{1}{2}\,Z\,LL.\, s\,Z\,LL \times s\,\frac{1}{2}\,X\,LL.}{s\,\frac{1}{2}\,X\,LL \qquad s\,\frac{1}{2}\,Z\,LL} \right.$ Lem: 2 that is

$:: s\,X\,LL \times Q : s\,\frac{1}{2}\,Z\,LL.\, s\,Z\,LL \times Q : s\,\frac{1}{2}\,X\,LL$ that is by Lem: 3.

$:: s\,\underline{X\,LL} \times s\,\underline{Z\,LL} \times t\,\frac{1}{2}\,Z\,LL.\ s\,\underline{Z\,LL} \times s\,\underline{X\,LL} \times t\,\frac{1}{2}\,X\,LL ::$

$t\,\frac{1}{2}\,Z\,LL. t\,\frac{1}{2}\,X\,LL :: A\zeta. A\xi :: \lambda S. LS.$

And

And this is the firſt Demonſtration by Lem: 1,2,3. which I deviſed at the deſire of the moſt Noble Sir *Charles Cavendiſh*, Anno 1632

The ſecond demonſtration is thus. Becauſe λS. L S :: T λ. T R :: t ang. D ♪ λ. t ang D ♪ L, that is Z ſin cru X ſin cru :: t ½ Z cru. t ½ X cru.

:: :: Z ſin LL. X ſin LL :: t ½ Z LL. t ½ X LL.

Wherefore Z ſin cru. X ſin cru :: t ½ Z LL. t ½ X LL

That is λS. L S :: A ζ. A ξ.

VIII. Two angles and the interjacent ſide being given, to find the other two ſides. Say, firſt. As the ſine of the half ſum of the angles, is to the ſine of the half difference of the angles: So is the Tangent of half the interjacent ſide, to the Tangent of the half difference of the other ſides.

Then, As the ſine of the complement of the half ſumme of the angles, is to the ſine of the complement of their half difference: ſo is the Tangent of half the interjacent ſide, to the Tangent of the half ſumme of the other ſides. Laſtly, the half ſumme and half difference of the ſides ſought, if added, give the greater, if ſubducted the leſſer ſide ſought.

s ½ Z ang. s ½ X ang. :: t ½ lat. t ½ X lat.

s co ½ Z ang. s co ½ X ang. :: t ½ lat. t ½ Z lat.

This propoſition needs not a new demonſtration, ſince it ſeekes nothing elſe but the reſolution of the ſpherical Triangle A τ n. In which the two ſides A n, n τ being given, with the angle n intercepted, the two angles A and τ are ſought. And becauſe the Baſe of the other Trian-

Triangle D C = n'; and therefore D C' = n & t ½ n = t co ½ D C.

IX. The three ſides of a Spherical Triangle being given, to find any angle. Two ways.

Rule I. As the rectangle under the ſines of the ſides of the angle ſought, is to the rectangle vnder the ſine of the half ſumme of the Baſe and difference of the ſides, in to the ſine of the half difference of the Baſe and difference of the ſides: ſo is the Quadrat of the Radius, to the Quadrat of the ſine of half the angle ſought.

$$\square \text{ Sin. cur. s } \frac{B + X \text{ cru.}}{2} \times \text{s } \frac{B - X \text{ cru}}{2} :: \text{Rq. Q s } \tfrac{1}{2} \text{ ang.}$$

Rule II. As the rectangle under the ſines of the ſides of the angle ſought, is to the rectangle under the ſine of the half ſumme of the ſumme of the ſides and the Baſe, into the ſine of the half difference of the ſumme of the ſides and the Baſe: ſo is the Quadrat of the Radius, to the Quadrat of the ſine of the complement of half the angle ſought.

$$\square \text{ Sin. cru. s } \frac{Z \text{ cru.} + B}{2} \times \frac{\text{s } Z \text{ cru.} - B}{2} :: \text{Rq. Q s co } \tfrac{1}{2} \text{ ang.}$$

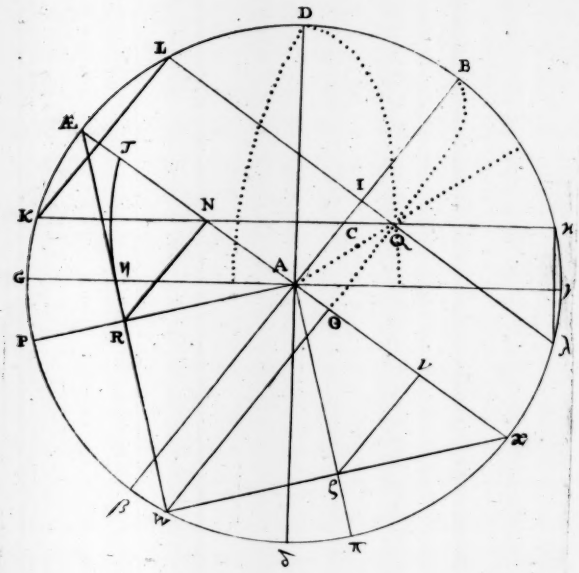
The

The effection of theſe two Rules by Logarithmes is eaſie.

cru. { B D Log. ſin. / B C Log. ſin. } ſum.	cru. { B D Log. ſin. / B C Log. ſin. } ſum.
X crurum.	Z crurum
Baſe D C	Baſe DC
Baſe + X cru. 1	Z cru. + Baſe 1
Baſe — X cru. 2	Z cru. — Baſe 2
Half 1 Log. ſin.	Half 1 Log. ſin.
Half 2 Log. ſin.	Half 2 Log. ſin.
+ 20, 0 — ſum	+ 20, 0 — ſum
Is the double ſine of ½ ang. B.	Is double s co of ½ ang. B

DEMONSTRATION.

The lines being drawne as in the Scheme. The Triangle D B Q is Elliptical: the angle ſought B. and in the Triangles K Q L., λ Q ϰ like. the ang. Q = G Æ = D B : the ang: K = λ = L D ϰ = Baſe + X cru: K L = Baſ: — X cru. K D λ = Z cru: + Baſ: ϰ λ = Z cru: — Baſ: O Æ V̄ W P Æ, is the meaſure of the ang: B: and Q L the meaſure like, O æ V̄ W π æ is the meaſure of the complement of the ang: B, and Q λ like meaſure. Alſo Æ R = s ½ B, and æ ϱ = s co ½ B



I. Demonſtration.

In the Triangle Q L K

s Q. s K :: $\frac{1}{2}$ K L. $\frac{1}{2}$ Q L

I L. Rad :: $\frac{1}{2}$ Q L. Æ N.

Rad. Æ N :: Rad q. Æ R q.

(For A Æ, Æ R, Æ N ÷÷)

which being multiplied twill be

s Q × I L. $\frac{1}{2}$ K L ϰ s K :: Rq. Æ Rq.

II. Demonſtration.

In the Triangle Q λ ϰ

s Q. s ϰ :: $\frac{1}{2}$ ϰ λ. $\frac{1}{2}$ Q λ.

I λ. Rad :: $\frac{1}{2}$ Q λ. æ ɣ.

Rad. æ ɣ :: Rad q. æ ϱ q.

(For A æ, æ ϱ, æ ɣ ÷÷)

which being multiplied twill be

s Q × I λ. $\frac{1}{2}$ ϰ λ ϰ s ϰ :: Rq. æ ϱ q.

X. Three

X. Three angles being given, to find any ſide. Becauſe (in Sect. 7 Schem: C) it is proved that in the Triangle A $\nu\tau$, the ang: A = DB, the ang: τ = BC, & the ang: ν = D C': therefore are given in the ſame Triangle A $\nu\tau$ three ſides, A ν, $\nu\tau$, A τ, to find any angle, ſuppoſe ν, by the two Rules of propoſition the IX, verbatim; taking A ν, and $\nu\tau$, for the ſides, and A τ for the Baſe of the angle ν.

The praxis by Logarith: is thus.

cru. { $\nu\tau$. Log. ſin. / ν A. Log. ſin. } ſum.

X crurum
Baſe A τ
Baſe + X cru. 1
Baſe − X cru. 2

Half 1 Log. ſin.
Half 2 Log. ſin.
+ 20,0 — ſum. =
2 s $\frac{1}{2}$ ang: ν, or $\frac{1}{2}$ DQ'

cru. { $\nu\tau$. Log. ſin. / ν A. Log. ſin. } ſum.

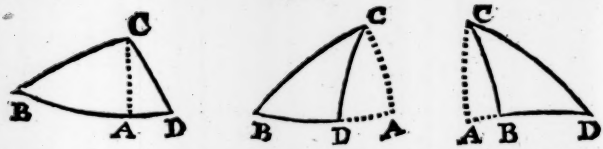
Z crurum
Baſe A τ
Z cru: + Baſe 1
Z cru. — Baſe 2

Half 1 Log. ſin.
Half 2 Log. ſin.
+ 20,0 — ſum. =
2 s co $\frac{1}{2}$ ang: ν, or $\frac{1}{2}$ DQ'

XI. But if in an Obliquangled Spherical Triangle, the termes given are not in any manner as afore mentioned, the given triangle is to be divided into two right angled triangles by a Cathetus drawn from the angle C: ſo that in the former right angled triangle A B C, may be given both the angle B, and the ſide BC: and then the reſolution muſt be performed by two operations: the firſt of which ſeeks out the Baſe B A: and the angle at the Cathetus B C A, according as the preſent uſe requires after this manner.

Either { Rad. s co B : : t B C. t B A
Rad. s co B C : : t B. t co B C A.

The



The ſecond operation, in the latter right angled Spherical Triang: ADC. (a diligent care being had to the addition, and ſubſtraction of the particular Baſes; and angles at the Cathetus;) will be performed by one of the foure Rules following.

Rule I. The ſines of the complement of the hypotenuſes, to the ſines of the complement of the baſes; are in direct proportion. s co BA. s co D A :: s co B C. s co DC.

Rule II. The ſines of the baſes, to the Tangents of the angles at the baſe; are in reciprocal proportion.

s BA. s DA :: t co B. t co D :: t. D t B.

Rule III. The ſines of the complement of the angles at the baſe to the ſines of the complement of the angles at the Cathetus; are in direct proportion. sBCA. s DCA :: s co B. s co D.

Rule IV. The Tangents of the hypotenuſes, to the ſines of the complement of the angles at the Cathetus; are in reciprocal proportion.

s co BCA. s co DCA :: t co BC. t co DC :: t D C. t BC.

But here it is needfull to be knowne whether the angle of the latter Triang: ſought, be acute or obtuſe.

Theſe Rules are found by comparing the proportions of the Triangles, A B C, ADC, taken out of the Analogiſmes: viz: Rule I, out of Analog: I. Rule II, out of Analog: 5. Rule III. out of Analog: 2. Rule IV, out of Analog: 6.

For example in Rule II. R. t CA :: t co B. s BA. and R. t CA :: t co D. s DA.

Wherefore s BA. s DA :: t co B. t co D :: t D. t B. by Ch: I. Sect: XI.

The.

FINIS.

I. THe Canon of Logarithmes of Sines and Tangents was by the Author intended to consist of seven Figures after the Indices: but in this edition the seventh figure was unhappily left out; so that now the Rules following will not hold in some of those tables, namely of Collaterals, and first and second differences. But they may hold indifferently wel, if unto the numbers in the Canon you joyne a circle or nul. And note that by the word Excesse I understand the difference of a number not in the Canon from the next lesse to it in the Canon, to distinguish it from the Difference betweene the two numbers in the Canon above it, and below it. Note also that the two figures in the margine annexed to the degrees, I cal centesimes, but if there be any more figures I cal them cent-centesimes, or simply parts. As Gr. 89 30|57. are Gr: 89|30. centes: and 57 cent-cent: or parts.

II. The use of the Canons, and Tables of Differences both I & II, is to find out a part proportional, either Tabulate or marginal: and to correct it, if the numbers in the Canon doe proceed with an enormous inæqualitie.

Rules for finding out the fourth proportional, are these two,

First, 1. Partes marg. :: Difference. Excesse.

Second, Difference. Excesse :: 1. Partes marg:

Example

For Log: Tang: of Gr: 89 30|57; say by Rule 1.

1. 0|57 :: 61608. 35117.

III. But because neere the beginning of Log: Sines, & Tangents, and neere the end of Log: Tangents, the numbers so enormously increase, that the number desired cannot be had by the Rule of proportion: I have therefore framed a table of Collateral numbers serving for the first 50 centesimes of sines and Tangents. And another Table of Æquants, whereby, with

the help of the table of Differ: I. & II. there may be found Prosthaphæreses for the correcting of the fourth proportionals.

The Table of Collaterals to centes: 50.

— S	C 0	+ A	— S	C	+ A
0	1	0	14	26	30
0	2	0	15	27	32
0	3	1	17	28	35
1	4	1	19	29	37
1	5	2	20	30	40
1	6	2	22	31	42
1	7	2	23	32	45
2	8	2	24	33	48
2	9	3	26	34	51
3	10	4	27	35	54
3	11	5	29	36	57
3	12	6	30	37	60
4	13	8	32	38	63
5	14	9	34	39	67
6	15	9	36	40	70
6	16	11	38	41	73
7	17	12	40	42	77
7	18	14	42	43	81
8	19	16	43	44	85
9	20	17	45	45	89
10	21	19	47	46	93
11	22	21	49	47	97
12	23	23	51	48	102
13	24	25	53	49	105
14	25	27	55	50	110

IV. The table of collaterals is made thus. To 6,2418774 the Log: of Gr: 0101 (the very first in the Canon) adde the Log: of any number of centesimes you desire, suppose 34. whith is 1,5314789 the summe is 7,7733563, greater then the Log: sine of Gr: 0134 by 26, but lesser then the Log: Tangent of Gr: 0134 by 51. These two differences — 26, and + 51 are Collaterals to be set in the Table on both sides of the cēntesimes: 34 This Table is for the first 50 centesmes, but may be continued for the whole first Degree. in this māner.

Log:

Log: Gr: 0|01, 6, 2418774. A

+ Log: 34, 1, 5314789. L

Z, 7, 7733563. Then say

7, 7733563 — (Log. sin. 034) 7, 7733537 = 26. And (Log: tang: 0|34) 7, 7733614 — 7, 7733563 = 51. Wherefore — 26, and, + 51 are Collaterals about 34.

V. By this Table of Collaterals the Log: sin. and Log: tang: of any arch not exceeding Gr: 0|52, which I call Ns, and Nt, may be found. Suppose I would have Log: sin. and Log: tang. of Gr: 0|3467. The Log. of 34|67 is 1, 5399538, which I also call L. The Collaterals about 34 in the table, being apportioned to 0|67 of 1, are — 27, and + 53: so shall 6, 2418774 + 1, 5399538 = 7, 7818312 be for Z: which being corrected by — 27, and + 53 giveth 7, 7818285, the true Log: sin. or Ns: and 7, 7818365, the true Log: tang. or Nt.

The Rule is A + L — Cs = Ns. And A + L + Ct = Nt

The practice of it			
	6, 2418774	A	6, 2418774
	1, 5399538	L	1, 5399538
	7, 7818312	Z	7, 7818312
	Cs — 27	C	Ct + 53
	7, 7818285	N	7, 7818365

VI. If a Log: sine or tangent be proposed to find the arch agreeing thereto, out of the number given subduct A, 6, 2418774 increased or diminished by the true Collateral number — Cs, or — Ct.

The Rule is Ns — A + Cs, or Nt — A — Ct = L

The practise		
	Ns. 7, 7818285	Nt. 7, 7818365
	— A. 6, 2418774	— A. 6, 2418774
	1, 5399511	1, 5399591
	Cs. + 27	Ct — 53
	L. 1, 5399538	L 1, 5399538

If the arch agreeing to a Tangent proposed exceed 89|50 subduct it out of 20, 0000000, seek the arch of the tangent remayning which arch is lastly to be subducted out of 90,

VII. It hath been taught already in Sect: II. to find out a fourth proportional either tabulat or marginal, for the correction of which; if the numbers

bers in the Canon doe proceed with an enormous inæqualitie, there wil neede a kind of number which I call proſtaphæreſis, becauſe it is ſometimes added and ſometimes ſubducted: for the finding of which the Table of Æquants is invented, which is thus framed.

Take any two numbers which together make 100, multiply one by the other, and the half of the product ſhal be the Æquant for thoſe two numbers multiplyed. For Example. $57 \times 43 = 2451$ half whereof $1225\frac{1}{2}$ is the Æquant for 57 and 43, and in like manner for other numbers as is ſeene in the Table.

VIII. The correction of the tabulat exceſſe or fourth proportional found out. Multiply the proper Æquant by the ſemiaggregate of the two ſecond differences next on both ſides, having by a ſeparating line cut off the foure laſt Figures, and the whole number made thereby ſhal be the proſtaphæreſis of the tabulat number ſought: adjective if the differences decreaſe, or ablative, if they increaſe.

For example. Suppoſe I would find out the log: tang: at Gr. $89|\frac{3057}{}$, heere 57 are parts cent-centeſime: log: tang: Gr. $89|\frac{30}{}$ is 11, 9130030, and Diff. I^a is 61608. Say $1.0|\frac{57}{} :: 61608.\ 35113$. which is the part proportional or exceſſe to be corrected by the proſtapheresis. Thus,

The Æquant of parts 57 is $1225\frac{1}{2}$, and the ſemi aggr. of the Diff. II^a, (foure figures being cutt off) is $0|\frac{0874}{}$, which being multiplyed together produce 107, for the proſtaphæreſis which is here negative.

Then $35113 - 107 = 35006$. Adde this to 11, 9130030, and ſo have you 11, 9165036, Log. Tang. Gr. $89|\frac{3057}{}$.

IX. But if the marginal parts are ſought, you are to divide that former whole number by the Diff. I^a and by the quotient correct the parts found, by ſubduction if the Differences decreaſe, or addition if they increaſe

X. Note that if the ſemiaggregate of the Diff. II exceed not 12, the tabulat number ſhal ſcarce need any correction. But in marginal numbers the part proportional ſeldomely wanteth to be corrected; although the ſemiaggregate of the Diff: II^a exceed 1000.

FINIS

CANONES
SINUUM,
TANGENTIUM,
SECANTIUM:
ET
LOGARITHMORUM
PRO
SINUBUS
ET
TANGENTIBUS.

LONDINI,

Excudebat *Iosephus Moxon*, impensis *Thomæ Iohnson*, apud quem veneunt sub signô *Clavis Aureatæ* in Cœmeterio S. *Pauli*. M. DC. LVII.

M.	Sinus	Tangent.	Secant.	Log. Sin	Lo Tang.
0	0	0	10000000	0	0
1	1745	1745	10000000	6.241877	6.241877
2	3490	3490	10000000	6.542907	6.542907
3	5236	5236	10000001	6.718998	6.718998
4	6981	6981	10000002	6.843937	6.843937
5	8726	8726	10000004	6.940847	6.940847
6	10472	10472	10000005	7.020028	7.020029
7	12217	12217	10000007	7.086975	7.086975
8	13962	13962	10000010	7.144967	7.144967
9	15708	15708	10000012	7.196119	7.196120
10	17453	17453	10000015	7.241877	7.241878
11	19198	19198	10000018	7.283270	7.283270
12	20944	20944	10000022	7.321058	7.321059
13	22689	22689	10000026	7.355820	7.355821
14	24434	24434	10000030	7.388005	7.388006
15	26180	26180	10000034	7.417968	7.417969
16	27925	27925	10000039	7.445997	7.445998
17	29670	29670	10000044	7.472325	7.472327
18	31416	31416	10000049	7.497149	7.497151
19	33161	33161	10000055	7.520630	7.520632
20	34906	34907	10000061	7.542906	7.542909
21	36652	36652	10000067	7.564095	7.564098
22	38397	38397	10000074	7.584299	7.584302
23	40142	40143	10000080	7.603604	7.603607
24	41888	41888	10000088	7.622087	7.622091
25	43633	43633	10000095	7.639816	7.639820
26	45378	45379	10000103	7.656849	7.656853
27	47124	47124	10000111	7.673239	7.673244
28	48869	48869	10000119	7.689033	7.689039
29	50614	50615	10000128	7.704273	7.704279
30	52359	52360	10000137	7.718996	7.719002
31	54105	54106	10000146	7.733237	7.733243
32	55850	55851	10000156	7.747025	7.747032
33	57595	57596	10000166	7.760389	7.760396
34	59341	59342	10000176	7.773354	7.773361
35	61086	61087	10000186	7.785943	7.785951
36	62831	62832	10000197	7.798177	7.798185
37	64577	64578	10000208	7.810076	7.810085
38	66322	66323	10000220	7.821658	7.821667
39	68067	68069	10000231	7.832938	7.832948
40	69812	69814	10000243	7.843934	7.843944
41	71558	71560	10000256	7.854657	7.854668
42	73303	73305	10000268	7.865123	7.865134
43	75048	75050	10000281	7.875342	7.875354
44	76794	76796	10000295	7.885326	7.885338
45	78539	78541	10000308	7.895085	7.895099
46	80284	80287	10000322	7.904630	7.904644
47	82029	82032	10000336	7.913970	7.913985
48	83775	83778	10000351	7.923113	7.923129
49	85521	85523	10000366	7.932068	7.932084
50	87265	87268	10000381	7.940842	7.940858

M.	Sinus.	Tangen.	Secant.	Log Sin.	Log. Tan.
100	10000000	Infinita.	Infinita.	10.000000	Infinita.
99	9999999	57295778931	57295779804	9.999999	13.758122
98	9999999	28647888593	28647890328	9.999999	13.457092
97	9999998	19098591425	19098594043	9.999999	13.281001
96	9999997	14323942551	14323946042	9.999999	13.156062
95	9999996	11459152994	11459157357	9.999999	13.059152
94	9999994	9549293005	9549298371	9.999999	12.979971
93	9999992	8185107286	8185113205	9.999999	12.913024
92	9999990	7161057785	7161074766	9.999999	12.855032
91	9999987	6366102487	6366202241	9.999999	12.802880
90	9999985	5729572133	5729583460	9.999999	12.758122
89	9999981	5208720829	5208731423	9.999999	12.716723
88	9999978	4774641311	4774651783	9.999999	12.678941
87	9999974	4407360092	4407371436	9.999998	12.644178
86	9999970	4092547534	4092559752	9.999998	12.611994
85	9999966	3819720007	3819732007	9.999998	12.582030
84	9999961	3580976911	3580990874	9.999998	12.554001
83	9999956	3370320081	3370244916	9.999998	12.527672
82	9999950	3183088390	3183104098	9.999997	12.502848
81	9999945	3015556289	3015572869	9.999997	12.479367
80	9999939	2864777240	2864794792	9.999997	12.457091
79	9999933	2728358225	2728376961	9.999997	12.435901
78	9999926	2604340815	2604360014	9.999996	12.415608
77	9999919	2491107467	2491127539	9.999996	12.396302
76	9999912	2387310184	2387331128	9.999996	12.377900
75	9999905	2291816636	2291838453	9.999995	12.360180
74	9999897	2203668701	2203691390	9.999995	12.343146
73	9999889	2122050200	2122073762	9.999995	12.326755
72	9999880	2046261550	2046285984	9.999994	12.310971
71	9999872	1975699663	1975724070	9.999994	12.295721
70	9999863	1909841864	1909868044	9.999994	12.280997
69	9999853	1848232917	1848259969	9.999993	12.266757
68	9999844	1790474493	1790502418	9.999993	12.252968
67	9999834	1736216542	1736245342	9.999993	12.239604
66	9999824	1685150205	1685179876	9.999992	12.226638
65	9999813	1637001909	1637032452	9.999992	12.214049
64	9999802	1591528487	1591559903	9.999991	12.201814
63	9999791	1548513055	1548545344	9.999990	12.189915
62	9999780	1507761564	1507794725	9.999990	12.178332
61	9999768	1469003862	1469037896	9.999990	12.167061
60	9999756	1432371216	1432405127	9.999989	12.156055
59	9999744	1397434184	1397469962	9.999989	12.145331
58	9999731	1364160792	1364197443	9.999988	12.134865
57	9999718	1332434972	1332472497	9.999988	12.124626
56	9999705	1302151209	1302189606	9.999987	12.114611
55	9999691	1273213264	1273252535	9.999986	12.104801
54	9999678	1245533662	1245573805	9.999986	12.095255
53	9999663	1219032705	1219072810	9.999985	12.085915
52	9999649	1193624148	1193676036	9.999985	12.076871
51	9999634	1169273115	1169315876	9.999984	12.068016
50	9999619	1145886501	1145930135	9.999983	12.059341

M	Sinus	Tangen	Secant.	Lo. Sin.	Lo. Tan.
50	87265	87268	10000381	7.940842	7.940856
51	89010	89014	10000396	7.947442	7.949459
52	90756	90759	10000412	7.957875	7.957892
53	92501	92505	10000428	7.966147	7.966165
54	94246	94250	10000444	7.974264	7.974284
55	95991	95996	10000461	7.982233	7.982253
56	97737	97741	10000477	7.990058	7.990079
57	99482	99487	10000495	7.997745	7.997766
58	101227	101232	10000512	8.005298	8.005320
59	102972	102978	10000530	8.012722	8.012745
60	104718	104723	10000548	8.020020	8.020044
61	106463	106469	10000567	8.027199	8.027223
62	108208	108214	10000585	8.034260	8.034286
63	109953	109960	10000604	8.041209	8.041235
64	111698	111706	10000624	8.048048	8.048075
65	113444	113451	10000643	8.054781	8.054807
66	115189	115197	10000663	8.061411	8.061440
67	116934	116942	10000684	8.067942	8.067972
68	118679	118688	10000704	8.074376	8.074406
69	120425	120433	10000725	8.080716	8.080747
70	122170	122179	10000746	8.086964	8.086997
71	123915	123925	10000768	8.093124	8.093158
72	125660	125670	10000789	8.099198	8.099232
73	127405	127416	10000812	8.105188	8.105223
74	129151	129161	10000834	8.111097	8.111133
75	130896	130907	10000857	8.116926	8.116963
76	132641	132653	10000880	8.122678	8.122716
77	134386	134398	10000903	8.128355	8.128394
78	136131	136144	10000927	8.133958	8.133999
79	137876	137890	10000950	8 139490	8.139532
80	139622	139635	10000975	8.144953	8.144995
81	141367	141381	10000999	8.150348	8.150391
82	143112	143127	10001024	8.155676	8.155721
83	144857	144872	10001049	8.160940	8.160986
84	146602	146618	10001075	8.166141	8.166188
85	148347	148364	10001100	8.171280	8.171328
86	150092	150109	10001126	8.176359	8.176408
87	151838	151855	10001153	8.181380	8.181430
88	153583	153601	10001179	8.186343	8.186394
89	155328	155347	10001206	8.191250	8.191302
90	157073	157092	10001234	8.196102	8.196155
91	158818	158838	10001261	8.200900	8.200955
92	160563	160584	10001289	8.205646	8.205702
93	162308	162330	10001317	8.210341	8.210398
94	164053	164075	10001346	8.214986	8.215044
95	165798	165821	10001374	8.219581	8.219641
96	167544	167567	10001404	8.224128	8.224189
97	169289	169312	10001433	8.228628	8.228690
98	171034	171059	10001463	8.233082	8.233146
99	172779	172805	10001493	8.237491	8.237556
	174524	174550	10001523	8.241855	8.241921

M	Sinus.	Tangen.	Secant.	Lo. Sin.	Log. Tan.
50	9999619	11458686501	11459301 35	9.999383	12.059141
49	9999603	11234169386	11234614 92	9.999383	12.050541
48	9999588	11018116611	11018570 40	9.999382	12.042107
47	9999572	10810216039	10810678611	9.999381	12.033834
46	9999555	10610015 38	10610486 62	9.999381	12.025716
45	9999539	10417094 48	10417574 45	9.999380	12.017746
44	9999522	10231063 40	10231552 10	9.999379	12.009921
43	9999505	10051559 53	10052056 35	9.999378	12.002233
42	9999487	9878245 24	9878751 39	9.999378	11.994680
41	9999470	9710805 82	9711320 69	9.999377	11.987255
40	9999451	9548947 52	9549471 12	9.999376	11.979955
39	9999433	9392395 85	9392928 18	9.999375	11.972776
38	9999414	9240894 05	9241435 11	9.999374	11.965714
37	9999395	9094201 65	9094751 44	9.999374	11.958764
36	9999376	8952093 21	8952651 72	9.999373	11.951924
35	9999356	8814357 15	8814924 39	9.999372	11.945190
34	9999336	8680794 74	8681370 70	9.999371	11.938559
33	9999316	8551219 29	8551803 78	9.999370	11.932028
32	9999296	8425454 31	8426047 73	9.999369	11.925593
31	9999275	8303334 74	8303936 83	9.999368	11.919252
30	9999253	8184704 11	8185314 95	9.999367	11.913003
29	9999232	8069415 03	8070030 03	9.999366	11.906842
28	9999210	7957328 27	7957956 60	9.999366	11.900767
27	9999188	7848312 22	7848940 27	9.999365	11.894776
26	9999166	7742242 39	7742888 17	9.999364	11.888867
25	9999143	7639000 93	7639655 40	9.999363	11.883036
24	9999120	7538476 20	7539133 43	9.999362	11.877283
23	9999097	7440562 35	7441234 31	9.999361	11.871606
22	9999073	7345158 96	7345839 65	9.999360	11.866001
21	9999049	7252170 71	7252860 12	9.999359	11.860468
20	9999025	7161507 01	7162205 17	9.999357	11.855004
19	9999001	7073081 78	7073788 65	9.999356	11.849608
18	9998976	6986813 12	6987528 72	9.999355	11.844279
17	9998951	6902623 08	6903347 41	9.999354	11.839014
16	9998925	6820437 43	6821170 48	9.999353	11.833812
15	9998899	6740185 42	6740927 20	9.999352	11.828672
14	9998872	6661799 61	6662550 11	9.999351	11.823591
13	9998847	6585215 63	6585974 86	9.999350	11.818570
12	9998820	6510372 06	6511140 22	9.999349	11.813606
11	9998793	6437210 24	6437986 93	9.999347	11.808697
10	9998766	6365674 11	6366459 53	9.999346	11.803844
9	9998738	6295710 08	6296504 22	9.999345	11.799045
8	9998711	6227266 88	6228069 74	9.999344	11.794297
7	9998683	6160295 44	6161107 04	9.999343	11.789601
6	9998654	6094748 81	6095569 13	9.999341	11.784956
5	9998625	6030581 09	6031411 04	9.999340	11.780359
4	9998596	5967751 85	5968589 63	9.999339	11.775811
3	9998567	5906217 06	5907063 56	9.999337	11.771310
2	9998537	5845937 96	5846793 19	9.999336	11.766854
1	9998507	5786876 50	5787750 46	9.999335	11.762443
0	9998477	5728996 16	5729886 85	9.999334	11.758078

M	Sinus	Tangen	Secant.	Lo. Sin.	Lo. Tan.
0	174524	174550	10001523	8.241845	8.241921
1	176269	176296	10001554	8.246176	8.246244
2	178014	178042	10001585	8.250454	8.250523
3	179759	179788	10001616	8.254691	8.254761
4	181504	181534	10001647	8.258887	8.258958
5	183249	183280	10001679	8.263042	8.263115
6	184994	185026	10001711	8.267158	8.267233
7	186739	186772	10001744	8.271236	8.271311
8	188484	188518	10001776	8.275275	8.275352
9	190229	190264	10001810	8.279277	8.279356
10	191974	192010	10001843	8.283243	8.283323
11	193719	193756	10001877	8.287173	8.287254
12	195464	195502	10001911	8.291068	8.291151
13	197209	197248	10001945	8.294927	8.295013
14	198954	198994	10001980	8.298753	8.298839
15	200699	200740	10002014	8.302546	8.302633
16	202444	202486	10002050	8.306305	8.306395
17	204189	204232	10002085	8.310033	8.310123
18	205934	205978	10002121	8.313728	8.313821
19	207679	207724	10002157	8.317393	8.317487
20	209424	209470	10002193	8.321027	8.321122
21	211169	211216	10002230	8.324630	8.324727
22	212914	212962	10002267	8.328204	8.328303
23	214659	214708	10002305	8.331749	8.331849
24	216403	216454	10002342	8.335265	8.335367
25	218149	218201	10002380	8.338753	8.338856
26	219894	219947	10002418	8.342213	8.342318
27	221638	221693	10002457	8.345645	8.345752
28	223383	223439	10002496	8.349051	8.349160
29	225128	225185	10002535	8.352430	8.352540
30	226873	226932	10002574	8.355783	8.355895
31	228618	228678	10002614	8.359111	8.359224
32	230363	230424	10002654	8.362413	8.362528
33	232108	232170	10002695	8.365690	8.365807
34	233853	233917	10002735	8.368942	8.369061
35	235597	235663	10002776	8.372171	8.372291
36	237342	237409	10002818	8.375375	8.375498
37	239087	239155	10002859	8.378556	8.378681
38	240832	240902	10002901	8.381714	8.381840
39	242577	242648	10002943	8.384849	8.384977
40	244322	244395	10002986	8.387962	8.388092
41	246066	246141	10003029	8.391052	8.391184
42	247811	247887	10003072	8.394121	8.394254
43	249556	249634	10003115	8.397168	8.397303
44	251301	251380	10003159	8.400194	8.400331
45	253046	253127	10003203	8.403199	8.403338
46	254790	254873	10003247	8.406183	8.406324
47	256535	256620	10003292	8.409147	8.409290
48	258280	258366	10003337	8.412091	8.412235
49	260025	260112	10003382	8.415014	8.415161
50	261769	261859	10003428	8.417919	8.418068

M.	Sinus.	Tangen.	Secant.	Lo Sin.	Lo. Tan.
100	9998477	5728996616	5729386885	9.999934	11.758078
99	9998446	5672261851	5673143261	9.999932	11.753756
98	9998415	5616639861	5617533000	9.999931	11.749476
97	9998384	5562097801	5562996661	9.999930	11.745238
96	9998352	5508604511	5509512101	9.999920	11.741041
95	9998321	5456133031	5457046351	9.999927	11.736885
94	9998289	5404645521	5405570571	9.999925	11.732767
93	9998256	5354123231	5355057011	9.999924	11.728688
92	9998223	5304536431	5305478941	9.999923	11.724647
91	9998190	5255859381	5256811061	9.999921	11.720644
90	9998157	5208067261	5209027221	9.999920	11.716676
89	9998123	5161136151	5162104841	9.999918	11.712745
88	9998089	5115042091	5116020411	9.999917	11.708849
87	9998055	5069765541	5070751681	9.999915	11.704988
86	9998020	5025282331	5026277201	9.999914	11.701160
85	9997986	4981572631	4982576231	9.999912	11.697366
84	9997950	4938616461	4939628731	9.999911	11.693605
83	9997915	4896394471	4897415521	9.999909	11.689876
82	9997879	4854888021	4855917801	9.999908	11.686179
81	9997843	4814079051	4815111751	9.999906	11.682513
80	9997807	4773950141	4774993731	9.999905	11.678878
79	9997770	4734484421	4735540231	9.999903	11.675272
78	9997733	4695665581	4696732271	9.999901	11.671697
77	9997696	4657477851	4658555121	9.999900	11.668151
76	9997658	4619905951	4620988101	9.999898	11.664633
75	9997620	4582935121	4584025991	9.999896	11.661144
74	9997582	4546551021	4547656061	9.999895	11.657682
73	9997543	4510739821	4511848151	9.999893	11.654248
72	9997504	4475488071	4476605131	9.999891	11.650840
71	9997465	4440782781	4441908561	9.999890	11.647459
70	9997426	4406611321	4407747581	9.999888	11.644105
69	9997386	4372961471	4374104711	9.999886	11.640775
68	9997346	4339821381	4340973351	9.999885	11.637472
67	9997306	4307179551	4308340251	9.999883	11.634193
66	9997265	4275024831	4276194251	9.999881	11.630938
65	9997224	4243346391	4244524541	9.999879	11.627708
64	9997183	4212133721	4213322061	9.999877	11.624502
63	9997141	4181376621	4182572231	9.999876	11.621319
62	9997099	4151065201	4152269531	9.999874	11.618159
61	9997057	4121189821	4122402891	9.999872	11.615022
60	9997015	4091741161	4092962051	9.999870	11.611908
59	9996972	4062711011	4063940641	9.999868	11.608816
58	9996929	4034087891	4035327141	9.999866	11.605745
57	9996885	4005861581	4007111871	9.999864	11.602696
56	9996842	3978023781	3979292401	9.999862	11.599668
55	9996798	3950564941	3951854891	9.999861	11.596662
54	9996753	3923475021	3924702191	9.999859	11.593676
53	9996709	3896746821	3897939071	9.999857	11.590710
52	9996664	3870367531	3871176701	9.999855	11.587764
51	9996619	3844327441	3845418771	9.999853	11.584838
50	9996573	3818615931	3819715001	9.999851	11.581932

M	Sinus	Tangen	Secant.	Lo. Sin.	Lo. Tan.
50	251769	261859	10003428	8.417919	8.418068
51	263514	263606	10003474	8.420004	8.420955
52	265259	265352	10003520	8.423670	8.423823
53	267003	267099	10003566	8.426517	8.426672
54	268748	268845	10003613	8.429346	8.429592
55	270493	270592	10003660	8.432156	8.432315
56	272238	272338	10003708	8.434948	8.435109
57	273982	274085	10003755	8.437722	8.437886
58	275727	275832	10003803	8.440479	8.440644
59	277472	277578	10003852	8.443219	8.443386
60	279216	279325	10003900	8.445941	8.446110
61	280961	281072	10003949	8.448646	8.448817
62	282705	282819	10003998	8.451334	8.451508
63	284450	284565	10004048	8.454006	8.454182
64	286195	286312	10004098	8.456662	8.456840
65	287939	288059	10004148	8.459301	8.459481
66	289684	289806	10004198	8.461924	8.462107
67	291429	291552	10004249	8.464532	8.464717
68	293173	293299	10004300	8.467124	8.467311
69	294918	295046	10004351	8.469701	8.469890
70	296662	296793	10004403	8.472262	8.472454
71	298407	298540	10004455	8.474809	8.475002
72	300151	300287	10004507	8.477340	8.477536
73	301896	302034	10004560	8.479857	8.480055
74	303640	303780	10004613	8.482360	8.482560
75	305385	305527	10004666	8.484848	8.485050
76	307129	307274	10004720	8.487322	8.487526
77	308874	309021	10004773	8.489781	8.489989
78	310618	310768	10004827	8.492227	8.492437
79	312363	312515	10004882	8.494660	8.494872
80	314107	314262	10004937	8.497078	8.497293
81	315852	316010	10004992	8.499484	8.499700
82	317596	317757	10005047	8.501876	8.502095
83	319341	319504	10005103	8.504254	8.504476
84	321085	321251	10005159	8.506620	8.506844
85	322830	322998	10005215	8.508973	8.509200
86	324574	324745	10005271	8.511314	8.511543
87	326318	326492	10005328	8.513642	8.513873
88	328063	328240	10005385	8.515957	8.516191
89	329807	329987	10005443	8.518260	8.518497
90	331552	331734	10005501	8.520551	8.520790
91	333296	333481	10005559	8.522830	8.523071
92	335040	335229	10005617	8.525097	8.525341
93	336785	336976	10005676	8.527352	8.527599
94	338529	338723	10005735	8.529596	8.529845
95	340273	340470	10005794	8.531828	8.532080
96	342018	342218	10005854	8.534049	8.534303
97	343762	343965	10005914	8.536258	8.536515
98	345506	345713	10005974	8.538456	8.538715
99	347250	347460	10006034	8.540643	8.540905
	348995	349207	10006095	8.542819	8.543084

M	Sinus.	Tangen.	Secant.	Lo Sin.	Log. Tan.
50	9996573	38188 84593	38201 5500	9.999851	11.581932
49	9996527	37935 4396	37948 6176	9.999849	11.579045
48	9996481	37685 7483	37699 0136	9.999847	11.576177
47	9996435	37439 3203	37452 6728	9.999845	11.573325
46	9996389	37196 0918	37209 5317	9.999843	11.570497
45	9996341	36956 0010	36969 5282	9.999841	11.567685
44	9996293	36718 9876	36732 6020	9.999839	11.564890
43	9996246	36484 9927	36498 6944	9.999837	11.562114
42	9996198	36253 9590	36267 7480	9.999835	11.559355
41	9996150	36025 8307	36039 7070	9.999833	11.556614
40	9996101	35800 5533	35814 5168	9.999830	11.553890
39	9996052	35578 0736	35592 1244	9.999828	11.551182
38	9996003	35358 3398	35372 4779	9.999826	11.548492
37	9995953	35141 3015	35155 5269	9.999824	11.545818
36	9995904	34926 9092	34941 2219	9.999822	11.543160
35	9995853	34715 1150	34729 5150	9.999820	11.540518
34	9995803	34505 8718	34520 3590	9.999813	11.537893
33	9995752	34299 1338	34313 7083	9.999815	11.535283
32	9995701	34094 8562	34109 5181	9.999813	11.532689
31	9995650	33892 0955	33907 7446	9.999811	11.530110
30	9995598	33693 5089	33708 3453	9.999809	11.527546
29	9995546	33496 3548	33511 2785	9.999806	11.524997
28	9995494	33301 4925	33316 5035	9.999804	11.522463
27	9995442	33108 8823	33123 9806	9.999802	11.519944
26	9995389	32918 4854	32936 7099	9.999800	11.517440
25	9995336	32730 2637	32745 5365	9.999797	11.514949
24	9995282	32544 1802	32559 5404	9.999795	11.512473
23	9995228	32360 1988	32375 6462	9.999793	11.510011
22	9995174	32178 2839	32193 8185	9.999790	11.507563
21	9995120	31998 4009	32014 0228	9.999788	11.505128
20	9995065	31820 5159	31836 2252	9.999785	11.502707
19	9995010	31644 5959	31660 3925	9.999783	11.500299
18	9994955	31470 6085	31486 4923	9.999781	11.497905
17	9994900	31298 5219	31314 4930	9.999778	11.495524
16	9994844	31128 3052	31144 3636	9.999776	11.493155
15	9994787	30959 9280	30976 0737	9.999773	11.490800
14	9994731	30793 3607	30809 5937	9.999771	11.488457
13	9994674	30628 5743	30644 8946	9.999768	11.486127
12	9994617	30465 5403	30481 9478	9.999766	11.483809
11	9994560	30304 2309	30320 7257	9.999763	11.481503
10	9994502	30144 6188	30161 2010	9.999761	11.479210
9	9994444	29986 6775	30003 3470	9.999758	11.476928
8	9994386	29830 3809	29847 1376	9.999756	11.474659
7	9994327	29675 7032	29692 5473	9.999753	11.472401
6	9994268	29522 6196	29539 5559	9.999751	11.470155
5	9994209	29371 1055	29388 1241	9.999748	11.467920
4	9994149	29221 1368	29238 2427	9.999746	11.465697
3	9994089	29072 6901	29089 8833	9.999743	11.463485
2	9994029	28925 7423	28943 0227	9.999740	11.461284
1	9993969	28780 2707	28797 6385	9.999738	11.459095
0	9993908	28636 2533	28653 7083	9.999635	11.456916

M	Sinus	Tangen	Secant.	Lo. Sin.	Lo. Tan.
0	348995	349207	10006095	8.542819	8.543084
1	350739	350955	10006156	8.544384	8.545251
2	352483	352702	10006218	8.54713	8.547409
3	354227	354450	10006280	8.549282	8.549555
4	355972	356197	10006342	8.551416	8.551691
5	357716	357945	10006404	8.553538	8.553816
6	359460	359693	10006467	8.555651	8.555932
7	361204	361440	10006530	8.557753	8.558037
8	362948	363188	10006593	8.559845	8.560131
9	364693	364935	10006656	8.561927	8.562216
10	366437	366683	10006720	8.563999	8.564291
11	368181	368431	10006785	8.566061	8.566356
12	369925	370179	10006849	8.568114	8.568411
13	371669	371926	10006914	8.570157	8.570457
14	373415	373674	10006979	8.572190	8.572493
15	375158	375422	10007044	8.574214	8.574520
16	376902	377170	10007110	8.576228	8.576537
17	378646	378917	10007176	8.578233	8.578545
18	380390	380665	10007242	8.580229	8.580543
19	382134	382413	10007309	8.582216	8.582533
20	383878	384161	10007376	8.584193	8.584513
21	385622	385909	10007443	8.586162	8.586485
22	387366	387657	10007511	8.588121	8.588448
23	389110	389405	10007579	8.590072	8.590401
24	390854	391153	10007647	8.592015	8.592347
25	392598	392901	10007715	8.593948	8.594283
26	394342	394649	10007784	8.595873	8.596211
27	396086	396397	10007853	8.597789	8.598130
28	397830	398145	10007923	8.599697	8.600041
29	399574	399893	10007992	8.601597	8.601944
30	401318	401641	10008062	8.603488	8.603838
31	403062	403389	10008133	8.605371	8.605725
32	404806	405138	10008203	8.607246	8.607603
33	406549	406886	10008274	8.609113	8.609473
34	408293	408634	10008345	8.610973	8.611335
35	410037	401382	10008417	8.612823	8.613189
36	411781	412131	10008489	8.614666	8.615035
37	413525	413879	10008561	8.616502	8.616873
38	415269	415627	10008633	8.618329	8.618704
39	417013	417376	10008705	8.620149	8.620527
40	418756	419124	10008779	8.621961	8.622343
41	420500	420872	10008853	8.623766	8.624150
42	422244	422621	10008926	8.625563	8.625951
43	423988	424369	10009000	8.627353	8.627744
44	425731	426117	10009075	8.629136	8.629530
45	427475	427866	10009149	8.630911	8.631308
46	429219	429615	10009224	8.632679	8.633079
47	430963	431363	10009299	8.634440	8.634843
48	432706	433112	10009375	8.636193	8.636600
49	434450	434861	10009451	8.637940	8.638350
50	436194	436609	10009527	8.639679	8.640093

M.	Sinus.	Tangen.	Secant.	Lo. Sin.	Log. Tan.
100	9993908	286362533	286537083	9.999735	11.456916
99	9993847	284956683	285112106	9.999733	11.454748
98	9993786	283524944	283701241	9.999730	11.452591
97	9993724	282127108	282304273	9.999727	11.450445
96	9993662	280742972	280921014	9.999724	11.448309
95	9993600	279372333	279551248	9.999722	11.446183
94	9993537	278014996	278194784	9.999719	11.444068
93	9993474	276670767	276851428	9.999716	11.441963
92	9993411	275339458	275520992	9.999714	11.439868
91	9993348	274022883	274203291	9.999711	11.437783
90	9993284	272714861	272898141	9.999708	11.435709
89	9993220	271421213	271605366	9.999705	11.433644
88	9993155	270139763	270324789	9.999702	11.431588
87	9993091	268870340	269056239	9.999700	11.429543
86	9993025	267612776	267799547	9.999697	11.427507
85	9992960	266366904	266554549	9.999694	11.425480
84	9992895	265132563	265321081	9.999691	11.423463
83	9992829	263909593	264098983	9.999688	11.421455
82	9992762	262697837	262888101	9.999685	11.419456
81	9992696	261497142	261688279	9.999682	11.417467
80	9992629	260307358	260499368	9.999679	11.415486
79	9992562	259128335	259321218	9.999676	11.413515
78	9992494	257959929	258153685	9.999673	11.411552
77	9992427	256801997	256996626	9.999670	11.409598
76	9992359	255654399	255849900	9.999668	11.407653
75	9992290	254516996	254713370	9.999665	11.405717
74	9992221	253389653	253586901	9.999662	11.403789
73	9992153	252272238	252470359	9.999659	11.401869
72	9992083	251164619	251363613	9.999656	11.399958
71	9992014	250066669	250266536	9.999653	11.398056
70	9991944	248918262	249179002	9.999650	11.396161
69	9991874	247899272	248100885	9.999647	11.394275
68	9991803	246829580	247032065	9.999644	11.392397
67	9991732	245769064	245972423	9.999641	11.390527
66	9991661	244717608	244921839	9.999638	11.388665
65	9991590	243675095	243880200	9.999634	11.386811
64	9991518	242641412	242847390	9.999631	11.384965
63	9991446	241616447	241823298	9.999628	11.383126
62	9991374	240600090	240807815	9.999625	11.381296
61	9991301	239592234	239800831	9.999622	11.379473
60	9991228	238592772	238802242	9.999619	11.377657
59	9991155	237601599	237811942	9.999615	11.375849
58	9991081	236618613	236829829	9.999612	11.374049
57	9991007	235643712	235855801	9.999609	11.372256
56	9990933	234676798	234889070	9.999606	11.370470
55	9990859	233717772	233931607	9.999603	11.368692
54	9990784	232766538	232981247	9.999599	11.366920
53	9990709	231823002	232038583	9.999596	11.365156
52	9990634	230887070	231103525	9.999593	11.363399
51	9990558	229958651	230175979	9.999589	11.361650
50	9990482	229037655	229255856	9.999586	11.359907

M	Sinus	Tangen	Secant.	Lo. Sin.	Lo. Tan.
50	436194	436609	10009527	8.639679	8.640093
51	437937	438358	10009603	8.641412	8.641829
52	439681	440107	10009680	8.643138	8.643558
53	441425	441855	10009757	8.644857	8.645280
54	443168	443604	10009834	8.646569	8.646995
55	444912	445353	10009912	8.648274	8.648704
56	446655	447102	10009990	8.649973	8.650406
57	448399	448850	10010068	8.651665	8.652102
58	450143	450599	10010147	8.653350	8.653791
59	451886	452348	10010226	8.655029	8.655473
60	453630	454097	10010305	8.656701	8.657149
61	455373	455846	10010384	8.658367	8.658818
62	457117	457595	10010464	8.660027	8.660481
63	458860	459344	10010544	8.661680	8.662138
64	460604	461093	10010625	8.663327	8.663789
65	462347	462842	10010705	8.664968	8.665433
66	464091	464591	10010786	8.666603	8.667071
67	465834	466340	10010868	8.668231	8.668703
68	467577	468089	10010949	8.669854	8.670329
69	469321	469839	10011031	8.671470	8.671949
70	471064	471588	10011113	8.673080	8.673563
71	472808	473337	10011196	8.674685	8.675170
72	474551	475086	10011279	8.676283	8.676772
73	476294	476836	10011362	8.677875	8.678369
74	478038	478585	10011445	8.679462	8.679959
75	479781	480334	10011529	8.681043	8.681544
76	481524	482083	10011613	8.682618	8.683122
77	483268	483833	10011698	8.684188	8.684695
78	485011	485582	10011782	8.685752	8.686263
79	486754	487332	10011867	8.687310	8.687825
80	488497	489081	10011953	8.688862	8.689381
81	490241	490831	10012038	8.690409	8.690932
82	491984	492580	10012124	8.691951	8.692477
83	493727	494330	10012210	8.693487	8.694017
84	495470	496080	10012297	8.695018	8.695551
85	497214	497829	10012384	8.696543	8.697080
86	498975	499579	10012471	8.698063	8.698604
87	500700	501329	10012558	8.699577	8.700123
88	502443	503078	10012646	8.701087	8.701636
89	504186	504828	10012734	8.702591	8.703144
90	505929	506578	10012823	8.704090	8.704646
91	507672	508328	10012911	8.705583	8.706144
92	509415	510078	10013000	8.707072	8.707636
93	511158	511828	10013090	8.708555	8.709124
94	512901	513577	10013179	8.710034	8.710606
95	514644	515327	10013269	8.711507	8.712082
96	516387	517077	10013359	8.712976	8.713555
97	518130	518827	10013450	8.714439	8.715023
98	519873	520577	10013541	8.715898	8.716486
99	521616	522327	10013632	8.717351	8.717943
	523359	524078	10013723	8.718800	8.719396

M	Sinus.	Tangen.	Secant.	Lo. Sin.	Lo. Tan.
50	9990482	229037655	229255856	9.999586	11.359907
49	9990406	228123993	228343067	9.999583	11.358171
48	9990329	227217578	227437525	9.999580	11.356442
47	9990252	226318323	226539143	9.999576	11.354720
46	9990175	225426144	225647837	9.999573	11.353004
45	9990098	224540959	224763525	9.999570	11.351295
44	9990020	223662684	223886123	9.999566	11.349593
43	9989942	222791240	223015552	9.999563	11.347898
42	9989863	221926546	222151731	9.999559	11.346209
41	9989785	221068525	221294584	9.999556	11.344527
40	9989705	220217100	220444032	9.999552	11.342851
39	9989626	219372195	219599939	9.999549	11.341181
38	9989547	218533734	218762414	9.999546	11.339518
37	9989467	217701646	217931197	9.999542	11.337862
36	9989386	216875857	217106281	9.999539	11.336211
35	9989306	216056296	216287593	9.999535	11.334567
34	9989225	215242892	215475063	9.999532	11.332929
33	9989144	214435576	214668621	9.999528	11.331297
32	9989062	213634283	213868200	9.999525	11.329671
31	9988981	212838942	213073732	9.999521	11.328051
30	9988899	212049483	212285151	9.999517	11.326437
29	9988816	211265856	211502392	9.999514	11.324829
28	9988734	210487981	210725390	9.999510	11.323227
27	9988651	209715801	209954084	9.999507	11.321631
26	9988567	208949253	209188409	9.999503	11.320041
25	9988484	208188276	208428305	9.999499	11.318456
24	9988400	207432809	207673711	9.999496	11.316877
23	9988316	206682792	206924567	9.999492	11.315304
22	9988231	205938167	206180815	9.999488	11.313737
21	9988146	205198875	205442397	9.999485	11.312175
20	9988061	204464860	204709255	9.999481	11.310618
19	9987975	203736066	203981334	9.999477	11.309068
18	9987890	203012435	203258577	9.999474	11.307522
17	9987804	202293915	202540929	9.999470	11.305983
16	9987718	201580451	201828338	9.999466	11.304448
15	9987631	200871989	201120750	9.999462	11.302919
14	9987544	200168478	200418111	9.999459	11.301395
13	9987457	199469864	199720372	9.999455	11.299877
12	9987369	198776099	199027479	9.999451	11.298364
11	9987282	198087130	198339384	9.999447	11.296856
10	9987193	197402909	197656036	9.999443	11.295353
9	9987105	196723387	196977387	9.999439	11.293856
8	9987016	196048515	196303388	9.999436	11.292363
7	9986927	195378245	195633992	9.999432	11.290876
6	9986838	194712531	194969151	9.999428	11.289394
5	9986748	194051327	194308820	9.999424	11.287917
4	9986658	193394586	193652952	9.999420	11.286446
3	9986568	192742264	193001503	9.999416	11.284977
2	9986477	192094316	192354428	9.999412	11.283514
1	9986386	191450698	191711684	9.999408	11.282057
0	9986295	190811767	191073226	9.999404	11.280604

M	Sinus	Tangens	Secant.	Lo. Sin.	Lo. Tan.
0	523359	524078	10013723	8.718800	8.719396
1	525102	525828	10013815	8.720244	8.720843
2	526845	527578	10013907	8.721683	8.722287
3	528588	529328	10013999	8.723117	8.723725
4	530331	531078	10014092	8.724547	8.725159
5	532074	532829	10014185	8.725972	8.726587
6	533817	534579	10014278	8.727392	8.728012
7	535560	536329	10014372	8.728808	8 729431
8	537302	538080	10014466	8.730219	8.730846
9	539045	539830	10014560	8.731625	8.732257
10	540788	541580	10014655	8.733027	8.733663
11	542531	543331	10014749	8.734424	8.735064
12	544273	545081	10014844	8.735817	8.736461
13	546016	546832	10014940	8.737205	8.737854
14	547759	548583	10015036	8.738589	8.739242
15	549502	550333	10015132	8.739969	8.740626
16	551244	552084	10015228	8.741344	8.742005
17	552987	553834	10015325	8.742715	8.743380
18	554730	555585	10015422	8.744081	8.744751
19	556472	557336	10015519	8.745443	8.746117
20	558215	559087	10015617	8.746801	8.747479
21	559957	560837	10015714	8.748155	8.748837
22	561700	562588	10015813	8.749504	8.750191
23	563443	564339	10015911	8.750850	8.751540
24	565185	566090	10016010	8.752191	8.752885
25	566928	567841	10016109	8.753528	8.754227
26	568670	569592	10016208	8.754860	8.755564
27	570413	571343	10016308	8.756189	8.756897
28	572155	573094	10016408	8.857514	8.758226
29	573898	574845	10016509	8.758834	8.759551
30	575640	576596	10016609	8.760151	8.760872
31	577382	578347	10016710	8.761464	8.762189
32	579125	580099	10016811	8.762772	8.763502
33	580867	581850	10016913	8.764077	8.764811
34	582610	583601	10017015	8.765378	8.766116
35	584352	585352	10017117	8.766675	8.767417
36	586094	587104	10017220	8.767967	8.768715
37	587837	588855	10017322	8.769257	8 770008
38	589579	590606	10017425	8.770542	8.771298
39	591321	592358	10017529	8.771823	8.772584
40	593064	594109	10017633	8.773101	8.773866
41	594806	595861	10017737	8.774375	8.775145
42	596548	597612	10017841	8.775645	8.776419
43	598290	599364	10017946	8.776912	8.777691
44	600032	601115	10018051	8.778175	8.778958
45	601775	602867	10018156	8.779434	8.780222
46	603517	604619	10018261	8.780689	8.781482
47	605259	606371	10018367	8.781941	8.782738
48	607001	608122	10018473	8.783189	8.783991
49	608743	609874	10018580	8.784434	8.785240
50	610485	611626	10018687	8.785675	8.786486

M.	Sinus.	Tangen.	Secant.	Lo. Sin.	Lo. Tan.
100	9986295	190811367	191073226	9.999404	11.280604
99	9986204	190176280	190439012	9.999400	11.279156
98	9986112	189545395	189809001	9.999396	11.277713
97	9986020	188918671	189183150	9.999392	11.276275
96	9985927	188296065	188561418	9.999388	11.274841
95	9985835	187677539	187943765	9.999384	11.273412
94	9985742	187063052	187330151	9.999380	11.271988
93	9985648	186452564	186720536	9.999376	11.270568
92	9985555	185846036	186114882	9.999372	11.269153
91	9985461	185243431	185513149	9.999368	11.267743
90	9985367	184644709	184915301	9.999364	11.266337
89	9985272	184049834	184321299	9.999360	11.264935
88	9985177	183458769	183731107	9.996356	11.263538
87	9985082	182871476	183144688	9.999351	11.262146
86	9984987	182287921	182562006	9.999347	11.260758
85	9984891	181708067	181983025	9.999343	11.259374
84	9984795	181131879	181407711	9.999339	11.257995
83	9984698	180559323	180836028	9.999335	11.256620
82	9984602	179990364	180267943	9.999331	11.255249
81	9984505	179424969	179703421	9.999326	11.253883
80	9984407	178863104	179142429	9.999322	11.252521
79	9984310	178304735	178584934	9.999318	11.251163
78	9984212	177749832	178030904	9.999314	11.249809
77	9984114	177198360	177480306	9.999309	11.248459
76	9984015	176650290	176933108	9.999305	11.247114
75	9983917	176105588	176389280	9.999301	11.245773
74	9983817	175564225	175848790	9.999296	11.244436
73	9983718	175026169	175311608	9.999292	11.243103
72	9983618	174491390	174777702	9 999288	11.241774
71	9983518	173959859	174247044	9.996283	11.240449
70	9983418	173431545	173719694	9.999279	11.239128
96	9983317	172906421	173195353	9.999275	11.237811
68	9983216	172384456	172674262	9.999270	11.236498
67	9983115	171865623	172156302	9.999266	11.235189
66	9983014	171349892	171641445	9.999261	11.233884
65	9982912	170837238	171129664	9.999257	11.232582
64	9982810	170327631	170620931	9.999253	11.231285
63	9982707	169821046	170115219	9.999248	11.229991
62	9982604	169317454	169612501	9.999244	11.228702
61	9982501	168816830	169112750	9.999239	11.227416
60	9982398	168319143	168615941	9.999235	11.226133
59	9982294	167824381	168122048	9.999230	11.224855
58	9982190	167332504	167631044	9.999226	11.223580
57	9982086	166843492	167142905	9.999221	11.222309
56	9981982	166357319	166657606	9.999217	11.221042
55	9981877	165873962	166175122	9.999212	11.219778
54	9981772	165393395	165695428	9.999207	11.218518
53	9981666	164915594	165218501	9.999203	11.217262
52	9981560	164440536	164744317	9.999198	11.216009
51	9981454	163968198	164272852	9.999194	11.214759
50	9981348	163498555	163804082	9.999189	11.213514

M	Sinus.	Tang.	Secant.	Log. Sin	Lo. Tan.
50	610485	611626	10018687	8.785675	8.786486
51	612276	613378	10018794	8.786913	8.787728
52	613969	615130	10018901	8.788147	8.788967
53	615711	616882	10019009	8.789377	8.790202
54	617453	618634	10019117	8.790604	8.791434
55	619195	620386	10019225	8.791828	8.792662
56	620937	622138	10019334	8.793048	8.793887
57	622679	623890	10019443	8.794264	8.795108
58	624421	625642	10019552	8.795478	8.796326
59	626163	627394	10019662	8.796687	8.797540
60	627905	629146	10019772	8.797894	8.798752
61	629647	630898	10019882	8.799097	8.799960
62	631389	632651	10019992	8.800297	8.801164
63	633131	634403	10020103	8.801493	8.802365
64	634872	636156	10020214	8.802686	8.803563
65	636614	637908	10020325	8.803876	8.804758
66	638356	639661	10020437	8.805063	8.805950
67	640098	641413	10020549	8.806246	8.807138
68	641839	643166	10020662	8.807426	8.808323
69	643581	644918	10020774	8.808603	8.809505
70	645323	646671	10020887	8.809777	8.810683
71	647065	648423	10021000	8.810948	8.811859
72	648806	650176	10021114	8.812115	8.813031
73	650548	651929	10021228	8.813279	8.814200
74	652289	653682	10021342	8.814440	8.815366
75	654031	655434	10021457	8.815598	8.816529
76	655772	657187	10021571	8.816753	8.817689
77	657514	658940	10021686	8.817905	8.818846
78	659256	660693	10021802	8.819054	8.820000
79	660997	662446	10021918	8.820200	8.821150
80	662739	664199	10022034	8.821342	8.822298
81	664480	665952	10022150	8.822482	8.823443
82	666222	667705	10022267	8.823619	8.824585
83	667963	669458	10022383	8.824752	8.825723
84	669705	671212	10022501	8.825883	8.826859
85	671446	672965	10022618	8.827011	8.827992
86	673187	674718	10022736	8.828136	8.829122
87	674929	676471	10022854	8.829258	8.830249
88	676670	678225	10022973	8.830377	8.831373
89	678411	679978	10023092	8.831493	8.832495
90	680153	681731	10023211	8.832606	8.833613
91	681894	683485	10023330	8.833717	8.834729
92	683635	685238	10023450	8.834824	8.835842
93	685376	686992	10023570	8.835929	8.836952
94	687118	688746	10023690	8.837031	8.838059
95	688859	690499	10023811	8.838130	8.839163
96	690600	692253	10023932	8.839227	8.840265
97	692341	694007	10024053	8.840320	8.841363
98	694082	695760	10024175	8.841411	8.842460
99	695823	697514	10024297	8.842499	8.843553
—	697565	699268	10024419	8.843584	8.844644

M	Sinus.	Tangen.	Secant.	Lo. Sin.	Lo. Tan.
50	9981348	163498555	163824782	9.999189	11.213514
49	9981241	163031584	163337985	9.999184	11.212272
48	9981134	162567264	162874538	9.999180	11.211033
47	9981027	162105571	162413719	9.999175	11.209798
46	9980919	161646483	161955505	9.999170	11.208566
45	9980811	161189978	161499873	9.999166	11.207338
44	9980703	160736035	161046804	9.999161	11.206113
43	9980594	160284631	160596274	9.999156	11.204892
42	9980486	159835746	160148262	9.999151	11.203674
41	9980377	159389359	159702748	9.999147	11.202459
40	9980267	158945448	159259711	9.999142	11.201248
39	9980157	158503994	158819130	9.999137	11.200040
38	9980047	158064975	158380984	9.999132	11.198835
37	9979937	157628371	157945255	9.999128	11.197634
36	9979826	157194164	157511921	9.999123	11.196436
35	9979715	156762332	157080963	9.999118	11.195242
34	9979604	156332857	156652361	9.999113	11.194050
33	9979493	155905720	156226097	9.999108	11.192862
32	9979381	155480900	155802151	9.999103	11.191677
31	9979268	155058380	155380505	9.999099	11.190495
30	9979156	154638141	154961139	9.999094	11.189316
29	9979043	154220164	154544036	9.999089	11.188141
28	9978930	153804431	154129176	9.999084	11.186969
27	9978817	153390924	153716543	9.999079	11.185799
26	9978703	152979625	153306118	9.999074	11.184633
25	9978589	152570517	152897883	9.999069	11.183470
24	9978475	152163581	152491821	9.999064	11.182311
23	9978360	151758802	152087915	9.999059	11.181154
22	9978245	151356161	151686148	9.999054	11.180000
21	9978130	150955641	151286502	9.999049	11.178849
20	9978014	150557227	150888961	9.999044	11.177701
19	9977899	150160901	150493509	9.999039	11.176557
18	9977783	149766647	150100128	9.999034	11.175415
17	9977666	149374449	149708804	9.999029	11.174276
16	9977549	148984290	149319519	9.999024	11.173140
15	9977432	148596155	148932257	9.999019	11.172007
14	9977315	148210028	148547004	9.999013	11.170877
13	9977197	147825894	148163743	9.999008	11.169750
12	9977079	147443736	147782460	9.999003	11.168626
11	9976961	147063541	147403138	9.998998	11.167505
10	9976843	146685202	147025763	9.998993	11.166386
9	9976724	146308975	146650319	9.998988	11.165271
8	9976605	145934575	146276793	9.998983	11.164158
7	9976485	145562077	145905169	9.998977	11.163048
6	9976365	145191468	145535433	9.998972	11.161941
5	9976245	144822732	145167571	9.998967	11.160837
4	9976125	144455855	144801568	9.998962	11.159735
3	9976004	144090824	144437410	9.998956	11.158636
2	9975883	143727623	144075084	9.998951	11.157540
1	9975762	143366241	143714575	9.998946	11.156447
0	9975640	143006662	143355870	9.998941	11.155356

M	Sinus.	Tang.	Secant.	Lo. Sin.	Lo. Tan.
0	697565	699268	10024419	8.843584	8.844644
1	699306	701022	10024541	8.844667	8.845731
2	701047	702776	10024664	8.845747	8.846817
3	702788	704530	10024787	8.846824	8.847899
4	704529	706284	10024911	8.847899	8.848979
5	706270	708038	10025034	8.848970	8.850056
6	708011	709792	10025158	8.850040	8.851131
7	709752	711546	10025283	8.851106	8.852203
8	711492	713300	10025407	8.852170	8.853272
9	713233	715054	10025532	8.853232	8.854339
10	714974	716809	10025658	8.854290	8.855403
11	716715	718563	10025783	8.855346	8.856465
12	718456	720317	10025909	8.856400	8.857524
13	720197	722072	10026035	8.857451	8.858580
14	721938	723826	10026162	8.858500	8.859634
15	723678	725581	10026289	8.859545	8.860686
16	725419	727335	10026416	8.860589	8.861735
17	727160	729090	10026543	8.861630	8.862781
18	728900	730845	10026671	8.862668	8.863825
19	730641	732599	10026799	8.863704	8.864866
20	732382	734354	10026927	8.864737	8.865905
21	734122	736109	10027056	8.865768	8.866942
22	735863	737863	10927185	8.866797	8.867976
23	737604	739618	10027314	8.867823	8.869008
24	739344	741373	10027444	8.868847	8.870037
25	741085	743128	10027574	8.869867	8.871064
26	742825	744883	10027704	8.870887	8.872088
27	744566	746638	10027835	8.871903	8.873110
28	746306	748393	10027965	8.872917	8.874130
29	748047	750148	10028096	8.873929	8.875147
30	749787	751904	10028228	8.874938	8.876162
31	751527	753659	10028360	8.875945	8.877175
32	753268	755414	10028492	8.876949	8.878185
33	755008	757169	10028624	8.877952	8.879193
34	756749	758924	10028757	8.878952	8.880199
35	758489	760680	10028890	8.879949	8.881202
36	760229	762436	10029023	8.880944	8.882203
37	761969	764191	10029156	8.881937	8.883202
38	763710	765947	10029291	8.882928	8.884198
39	765450	767702	10029425	8.883917	8.885193
40	767190	769458	10029559	8.884903	8.886185
41	768930	771214	10029694	8.885887	8.887175
42	770670	772969	10029829	8.886869	8.888162
43	772411	774725	10029965	8.887848	8.889148
44	774151	776481	10030101	8.888825	8.890131
45	775891	778237	10030237	8.889800	8.891112
46	777631	779993	10030373	8.890773	8.892092
47	779371	781749	10030510	8.891744	8.893067
48	781111	783505	10030647	8.892713	8.894042
49	782851	785261	10030784	8.893679	8.895014
50	784591	787017	10030922	8.894643	8.895984

M	Sinus.	Tangen.	Secante.	Lo Sin.	Log. Tan.
100	9975640	143006662	143355870	9.998941	11.155356
99	9975518	142648874	142998956	9.998935	11.154268
98	9975396	142292964	142643819	9.998930	11.153183
97	9975274	141938617	142290446	9.998925	11.152100
96	9975151	141586121	141938823	9.998919	11.151020
95	9975028	141235362	141588939	9.998914	11.149943
94	9974904	140886329	141240779	9.998909	11.148869
93	9974781	140539008	140894332	9.998903	11.147797
92	9974657	140193387	140549585	9.998898	11.146727
91	9974532	139849453	140206524	9.998892	11.145661
90	9974408	139507194	139865139	9.998887	11.144596
89	9974283	139166597	139525416	9.998881	11.143535
88	9974157	138827651	139187344	9.998876	11.142476
87	9974032	138490344	138850910	9.998871	11.141419
86	9973906	138154663	138516104	9.998865	11.140365
85	9973780	137820597	138182912	9.998860	11.139314
84	9973653	137488135	137851323	9.998854	11.138265
83	9973527	137157264	137521326	9.998849	11.137219
82	9973400	136827974	137192909	9.998843	11.136175
81	9973272	136500252	136866062	9.998837	11.135133
80	9973145	136174089	136540772	9.998832	11.134094
79	9973017	135849472	136217030	9.998826	11.133058
78	9972888	135526391	135894822	9.998821	11.132024
77	9972760	135204834	135574139	9.998815	11.130992
76	9972631	134884792	135254971	9.998810	11.129963
75	9972502	134566253	134937306	9.998804	11.128936
74	9972372	134249207	134621133	9.998798	11.127912
73	9972242	133933642	134306443	9.998793	11.126889
72	9972112	133619551	133993225	9.998787	11.125870
71	9971982	133306920	133681468	9.998781	11.124852
70	9971851	132995741	133371163	9.998776	11.123838
69	9971720	132686003	133062299	9.998770	11.122825
68	9971589	132377696	132754866	9.998764	11.121815
67	9971457	132070811	132448855	9.998758	11.120807
66	9971325	131765337	132144255	9.998753	11.119801
65	9971193	131461265	131841057	9.998747	11.118798
64	9971060	131158586	131539251	9.998741	11.117797
63	9970928	130857288	131238828	9.998735	11.116798
62	9970795	130557364	130939778	9.998730	11.115801
61	9970661	130258804	130642091	9.998724	11.114807
60	9970527	129961598	130345759	9.998718	11.113815
59	9970393	129665738	130050773	9.998712	11.112825
58	9970259	129371213	129757122	9.998706	11.111837
57	9970124	129078015	129464799	9.998700	11.110852
56	9969989	128786136	129173793	9.998695	11.109869
55	9969854	128495566	128884097	9.998689	11.108888
54	9969718	128206296	128595701	9.998683	11.107909
53	9969583	127918318	128308597	9.998677	11.106933
52	9969446	127631623	128022776	9.998671	11.105958
51	9969310	127346202	127738229	9.998665	11.104986
50	9969173	127062047	127454948	9.998659	11.104016

M	Sinus	Tang.	Secant.	Lo. Sin.	Lo. Tan.
50	784591	787017	10030922	8.894643	8.895984
51	786331	788773	10031060	8.895805	8.896952
52	788071	790529	10031198	8.896965	8.897918
53	789810	792286	10031336	8.897523	8.898882
54	791550	794042	10031475	8.898478	8.899843
55	793290	795798	10031615	8.899432	8.900803
56	795030	797555	10031754	8.900383	8.901760
57	796770	799311	10031894	8.901333	8.902716
58	798510	801068	10032034	8.902280	8.903669
59	800249	802824	10032174	8.903225	8.904620
60	801989	804581	10032315	8.904168	8.905570
61	803729	806337	10032456	8.905109	8.906517
62	805468	808094	10032597	8.906048	8.907462
63	807208	809851	10032739	8.906985	8.908405
64	808948	811608	10032881	8.907920	8.909346
65	810687	813364	10033023	8.908853	8.910285
66	812427	815121	10033166	8.909784	8.911222
67	814166	816878	10033309	8.910713	8.912157
68	815906	818635	10033452	8.911640	8.913090
69	817645	820392	10033596	8.912565	8.914022
70	819385	822149	10033739	8.913488	8.914951
71	821124	823907	10033883	8.914409	8.915878
72	822864	825664	10034028	8.915328	8.916803
73	824603	827421	10034173	8.916245	8.917726
74	826343	829178	10034318	8.917160	8.918648
75	828082	830935	10034463	8.918073	8.919567
76	829821	832693	10034609	8.918984	8.920485
77	831560	834451	10034755	8.919894	8.921401
78	833300	836208	10034901	8.920801	8.922314
79	835039	837966	10035048	8.921707	8.923226
80	836778	839723	10035195	8.922610	8.924136
81	838517	841481	10035342	8.923512	8.925044
82	840257	843239	10035489	8.924412	8.925950
83	841996	844996	10035637	8.925310	8.926855
84	843735	846754	10035785	8.926206	8.927757
85	845474	848512	10035934	8.927100	8.928656
86	847213	850270	10036083	8.927993	8.929557
87	848952	852028	10036232	8.928883	8.930454
88	850691	853786	10036381	8.929772	8.931349
89	852430	855544	10036531	8.930659	8.932242
90	854169	857302	10036681	8.931544	8.933134
91	855908	859060	10036831	8.932427	8.934024
92	857647	860819	10036982	8.933308	8.934912
93	859386	862577	10037133	8.934188	8.935798
94	861125	864335	10037284	8.935066	8.936682
95	862863	866094	10037436	8.935942	8.937565
96	864602	867852	10037588	8.936816	8.938446
97	866341	869611	10037740	8.937689	8.939325
98	868079	871369	10037892	8.938560	8.940202
99	869819	873128	10038045	8.939429	8.941078
	871557	874886	10038198	8.940296	8.941952

M	Sinus.	Tangen.	Secant.	Lo. Sin.	Lo. Tan.
50	9969173	127062047	127454948	9.998659	11.104010
49	9969036	125779150	127172925	9.998653	11.103048
48	9968899	125497502	126892151	9.998647	11.102082
47	9968761	125217095	126612618	9.998641	11.101118
46	9968623	124937920	126334317	9.998635	11.100156
45	9968485	124659997	126057242	9.998629	11.099197
44	9968346	124383237	125781382	9.998623	11.098237
43	9968207	124107712	125505731	9.998617	11.097284
42	9967068	123833386	125233281	9.998611	11.096331
41	9967928	123560250	124961024	9.998605	11.095379
40	9967789	123288310	124689951	9.998599	11.094430
39	9967648	123017541	124420056	9.998593	11.0934 3
38	9967508	122747941	124151331	9.998586	11.092530
37	9967367	122479504	123883768	9.998580	11.091595
36	9967226	122212221	123617359	9.998574	11.090654
35	9967085	121946085	123352097	9.998568	11.089715
34	9966943	121681089	123087975	9.998562	11.088777
33	9966801	121417225	122824985	9.998556	11.087842
32	9966659	121154487	122563121	9.998549	11.086909
31	9966517	120892866	122302374	9.998543	11.085978
30	9966373	120632356	122042739	9.998537	11.085047
29	9966230	120372950	121784207	9.998531	11.084122
28	9966087	120114640	121526771	9.998524	11.083196
27	9965943	120857421	121270426	9.998518	11.082273
26	9965799	120601284	121015163	9.998512	11.081352
25	9965655	120346223	120760976	9.998506	11.080432
24	9965510	120092231	120507859	9.998499	11.079515
23	9965365	119839302	120255804	9.998493	11.078599
22	9965220	119587429	120004805	9.998487	11.077685
21	9965074	119336605	119754855	9.998480	11.076773
20	9964928	119086824	119505948	9.998474	11.075863
19	9964782	118838079	119258077	9.998468	11.074955
18	9964636	118592363	119011236	9.998461	11.074049
17	9964489	118343671	118765418	9.998455	11.073145
16	9964341	118097996	118520617	9.998448	11.072242
15	9964194	117853331	118276826	9.998442	11.071342
14	9964046	117609671	118034041	9.998436	11.070445
13	9963899	117367009	117792253	9.998429	11.069548
12	9963750	117125340	117551458	9.998423	11.068651
11	9963602	116884656	117311648	9.998416	11.067757
10	9963453	116644953	117072819	9.998410	11.066865
9	9963304	116406223	116834964	9.998403	11.065970
8	9963154	116168461	116598076	9.998397	11.065088
7	9963004	115931662	116362151	9.998390	11.064202
6	9962854	115695819	116127183	9.998384	11.063317
5	9962703	115460927	115893164	9.998377	11.062435
4	9962553	115226979	115660091	9.998370	11.061554
3	9962402	114993970	115427957	9.998364	11.060675
2	9962250	114761895	115196756	9.998357	11.059797
1	9962098	114530748	114966483	9.998350	11.058922
0	9961947	114300524	114737132	9.998344	11.058048

M	Sinus.	Tang.	Secant.	Log. Sin	Lo. Tan.
0	871557	874886	10038198	8.942296	8.941951
1	873296	876645	10038352	8.941161	8.942824
2	875035	878404	10038505	8.942025	8.943694
3	876773	880162	10038659	8.942887	8.944563
4	878512	881922	10038814	8.943747	8.945430
5	880250	883681	10038968	8.944606	8.946298
6	881989	885440	10039123	8.945463	8.947159
7	883727	887199	10039279	8.946318	8.948021
8	885466	888958	10039434	8.947172	8.948881
9	887204	890717	10039590	8.948024	8.949740
10	888943	892476	10039747	8.948874	8.950596
11	890681	894235	10039903	8.949722	8.951452
12	892420	895995	10040060	8.950569	8.952305
13	894158	897754	10040217	8.951414	8.953157
14	895896	899513	10040375	8.952258	8.954008
15	897635	901273	10040532	8.953099	8.954856
16	899373	903032	10040690	8.953940	8.955703
17	901111	904792	10040849	8.954778	8.956549
18	902849	906552	10041008	8.955615	8.957392
19	904587	908311	10041167	8.956450	8.958235
20	906326	910071	10041326	8.957284	8.959075
21	908064	911831	10041486	8.958116	8.959914
22	909802	913591	10041646	8.958947	8.960752
23	911540	915351	10041806	8.959776	8.961587
24	913278	917111	10041966	8.960603	8.962422
25	915016	918871	10042127	8.961429	8.963254
26	916754	920631	10042288	8.962253	8.964085
27	918492	922391	10042450	8.963075	8.964915
28	920230	924151	10042612	8.963896	8.965743
29	921967	925911	10042774	8.964716	8.966569
30	923706	927672	10042936	8.965534	8.967394
31	925444	929432	10043099	8.966350	8.968218
32	927181	931193	10043262	8.967165	8.969039
33	928919	932953	10043426	8.967978	8.969860
34	930657	934714	10043589	8.968789	8.970678
35	932394	936474	10043753	8.969599	8.971496
36	934132	938235	10043918	8.970408	8.972311
37	935870	939996	10044082	8.971215	8.973126
38	937607	941756	10044247	8.972021	8.973938
39	939345	943517	10044412	8.972825	8.974750
40	941083	945278	10044578	8.973628	8.975559
41	942820	947039	10044744	8.974429	8.976368
42	944558	948800	10044910	8.975228	8.977175
43	946295	950561	10045077	8.976027	8.977980
44	948033	952322	10045243	8.976823	8.978784
45	949770	954083	10045410	8.977619	8.979586
46	951508	955845	10045578	8.978412	8.980387
47	953245	957606	10045746	8.979205	8.981187
48	954982	959367	10045914	8.979995	8.981985
49	956720	961130	10046082	8.980785	8.982781
50	958457	962890	10046251	8.981573	8.983577

M.	Sinus.	Tangen.	Secant.	Lo. Sin.	Lo. Tan.
100	9961947	11430523	11473732	9.998344	11.058048
99	9961795	11407214	11458698	9.998337	11.057176
98	9961642	11384217	11442176	9.998331	11.056305
97	9961489	11361532	11405459	9.998324	11.055437
96	9961336	11338735	11382842	9.998317	11.054570
95	9961182	11316040	11360421	9.999311	11.053704
94	9961029	11293234	11338089	9.998304	11.052841
93	9960875	11271432	11315702	9.998297	11.051979
92	9960720	11249270	11293474	9.998291	11.051119
91	9960565	11226902	11271358	9.998284	11.050260
90	9960410	11204783	11249356	9.998277	11.049403
89	9960255	11182736	11227359	9.998270	11.048548
88	9960100	11160779	11205489	9.998263	11.047694
87	9959944	11138906	11183704	9.998257	11.046842
86	9959787	11117194	11162045	9.998250	11.045992
85	9959631	11095416	11140388	9.998243	11.045143
84	9959474	11073793	11118837	9.998236	11.044296
83	9959317	11052261	11097409	9.998229	11.043451
82	9959160	11030808	11076043	9.998222	11.042607
81	9959002	11009438	11054760	9.998216	11.041765
80	9958844	10988150	11033559	9.998209	11.040924
79	9958685	10966943	11012440	9.998202	11.040085
78	9958527	10945817	10991402	9.998195	11.039248
77	9958368	10924772	10970442	9.998188	11.038412
76	9958209	10903807	10949565	9.998181	11.037578
75	9958049	10882921	10928768	9.998174	11.036745
74	9957889	10862115	10908049	9.998167	11.035914
73	9957729	10841387	10887409	9.998160	11.035085
72	9957569	10820738	10866847	9.998153	11.034257
71	9957408	10800167	10846363	9.998146	11.033430
70	9957247	10779672	10825959	9.998139	11.032605
69	9957085	10759256	10805627	9.998132	11.031782
68	9956924	10738915	10785374	9.998125	11.030960
67	9956762	10718650	10765192	9.998118	11.030140
66	9956599	10698461	10745089	9.998111	11.029321
65	9956437	10678348	10725058	9.998104	11.028504
64	9956274	10658309	10705118	9.998097	11.027688
63	9956111	10638345	10685248	9.998090	11.026874
62	9955947	10618455	10665439	9.998082	11.026061
61	9955783	10598638	10645708	9.998075	11.025250
60	9955619	10578895	10626058	9.998068	11.024440
59	9955455	10559224	10606470	9.998061	11.023632
58	9955290	10539625	10586959	9.998054	11.022825
57	9955125	10520095	10567507	9.998047	11.022020
56	9954960	10500637	10548134	9.998039	11.021216
55	9954794	10481251	10528832	9.998032	11.020413
54	9954628	10461934	10509618	9.998025	11.019612
53	9954462	10442708	10490469	9.998018	11.018813
52	9954295	10423534	10471391	9.998010	11.018015
51	9954129	10404430	10452376	9.998003	11.017218
50	9953961	10385397	10433435	9.997996	11.016423

M	Sinus.	Tang.	Secant.	Lo Sin.	Lo. Tan.
50	958457	962890	10046251	8.981573	8.983577
51	960194	964652	10046420	8.982359	8.984370
52	961933	966413	10046589	8.983144	8.985163
53	963669	968175	10046759	8.983928	8.985954
54	965406	969937	10046929	8.984710	8.986743
55	967143	971699	10047093	8.985490	8.987531
56	968880	973460	10047269	8.986270	8.988318
57	970617	975222	10047440	8.987048	8.989104
58	972354	976984	10047611	8.987825	8.989887
59	974091	978746	10047783	8.988600	8.990670
60	975828	980508	10047955	8.989374	8.991451
61	977565	982271	10048127	8.990146	8.992231
62	979302	984033	10048299	8.990917	8.993009
63	981039	985795	10048472	8.991686	8.993786
64	982776	987557	10048645	8.992455	8.994562
65	984513	989320	10048818	8.993222	8.995337
66	986250	991082	10048992	8.993987	8.996110
67	987987	992845	10049166	8.994751	8.996881
68	989724	994607	10049340	8.995514	8.997651
69	991461	996370	10049515	8.996275	8.998420
70	993197	998132	10049690	8.997035	8.999188
71	994934	999895	10049865	8.997794	8.999954
72	996671	1001658	10050041	8.998552	9.000719
73	998407	1003421	10050216	8.999308	9.001483
74	1000144	1005184	10050393	9.000062	9.002245
75	1001880	1006947	10050569	9.000816	9.003006
76	1003617	1008710	10050746	9.001568	9.003766
77	1005353	1010473	10050923	9.002319	9.004525
78	1007090	1012236	10051100	9.003068	9.005282
79	1008826	1013999	10051278	9.003816	9.006038
80	1010563	1015763	10051456	9.004563	9.006792
81	1012299	1017526	10051634	9.005309	9.007545
82	1014035	1019290	10051813	9.006053	9.008297
83	1015772	1021053	10051992	9.006796	9.009048
84	1017508	1022816	10052171	9.007538	9.009798
85	1019244	1024580	10052351	9.008278	9.010546
86	1020981	1026344	10052531	9.009017	9.011293
87	1022717	1028108	10052711	9.009754	9.012038
88	1024453	1029871	10052892	9.010492	9.012783
89	1026189	1031635	10053073	9.011227	9.013526
90	1027925	1033399	10053254	9.011961	9.014268
91	1029661	1035163	10053435	9.012694	9.015009
92	1031397	1036927	10053617	9.013426	9.015748
93	1033133	1038691	10053799	9.014156	9.016486
94	1034869	1040456	10053982	9.014885	9.017223
95	1036605	1042220	10054164	9.015613	9.017959
96	1038341	1043984	10054347	9.016340	9.018694
97	1040077	1045747	10054531	9.017066	9.019427
98	1041813	1047513	10054714	9.017790	9.020159
99	1043549	1049278	10054897	9.018513	9.020890
	1045284	1051042	10055081	9.019234	9.021620

M	Sinus.	Tangen.	Secant.	Lo. Sin.	Lo. Tan.
50	9953961	103853971	104334305	9.997996	11.016423
49	9953794	103664324	104145533	9.997988	11.015629
48	9953620	103475362	103957446	9.997981	11.014837
47	9953458	103287082	103770041	9.997974	11.014046
46	9953290	103099479	103583312	9.997966	11.013256
45	9953121	102912550	103397258	9.997959	11.012468
44	9952952	102726232	103211875	9.997952	11.011681
43	9952783	102540700	103027158	9.997944	11.010896
42	9952614	102355772	102843104	9.997937	11.010112
41	9952444	102171502	102659709	9.997930	11.009330
40	9952273	101987889	102476971	9.997922	11.008548
39	9952103	101804920	102294885	9.997915	11.007769
38	9951932	101622617	102113448	9.997907	11.006990
37	9951761	101440951	101932657	9.997900	11.006213
36	9951590	101259927	101752508	9.997892	11.005437
35	9951418	101079542	101572998	9.997885	11.004663
34	9951246	100899792	101394123	9.997877	11.003890
33	9951074	100720674	101215880	9.997870	11.003118
32	9950902	100542185	101038265	9.997862	11.002348
31	9950729	100364321	100861276	9.997855	11.001579
30	9950555	100187080	100684909	9.997847	11.000812
29	9950382	100010457	100509161	9.997840	11.000045
28	9950208	99834449	100334028	9.997832	10.999280
27	9950034	99659054	100159508	9.997824	10.998517
26	9949860	99484268	99985597	9.997817	10.997754
25	9949685	99310087	99812291	9.997809	10.996993
24	9949510	99136510	99639583	9.997802	10.996233
23	9949335	98963532	99467486	9.997794	10.995475
22	9949159	98791151	99295970	9.997786	10.994718
21	9948983	98619363	99125066	9.997779	10.993962
20	9948807	98448163	98954741	9.997771	10.993207
19	9948630	98277555	98785008	9.997763	10.992454
18	9948454	98107529	98615857	9.997755	10.991702
17	9948276	97938085	98447288	9.997748	10.990951
16	9948099	97769218	98279296	9.997740	10.990202
15	9947921	97600927	98111880	9.997732	10.989454
14	9947743	97433209	97945036	9.997724	10.988707
13	9947565	97266059	97778762	9.997717	10.987961
12	9947386	97099476	97613054	9.997709	10.987217
11	9947207	96933458	97447910	9.99770	10.986475
10	9947028	96768000	97283327	9.997693	10.985732
9	9946848	96603099	97119302	9.997685	10.984991
8	9946669	96438754	96955832	9.997677	10.984251
7	9946488	96274961	96792914	9.997670	10.983513
6	9946308	96111718	96630546	9.997662	10.982776
5	9946127	95949021	96468724	9.997654	10.982040
4	9945946	95786869	96307447	9.997646	10.981306
3	9945764	95625258	96146710	9.997638	10.980572
2	9945583	95464185	95986513	9.997630	10.979840
1	9945401	95303648	95826851	9.997622	10.979109
0	9945219	95143644	95667722	9.997614	10.978380

M	Sinus.	Tang.	Secant.	Lo. Sin.	Lo. Tan.
0	1045284	1051042	10055083	9.019234	9.021620
1	1047020	1052807	10055267	9.019955	9.022349
2	1048756	1054572	10055452	9.020674	9.023076
3	1050492	1056336	10055637	9.021392	9.023802
4	1052227	1058101	10055823	9.022109	9.024527
5	1053963	1059866	10056009	9.022825	9.025251
6	1055698	1061631	10056195	9.023540	9.025973
7	1057434	1063396	10056381	9.024253	9.026695
8	1059170	1065161	10056568	9.024965	9.027415
9	1060905	1066926	10056755	9.025676	9.028134
10	1062641	1068692	10056943	9.026386	9.028852
11	1064376	1070457	10057131	9.027095	9.029569
12	1066111	1072222	10057319	9.027802	9.030285
13	1067847	1073988	10057507	9.028509	9.030999
14	1069582	1075753	10057696	9.029214	9.031712
15	1071317	1077519	10057885	9.029918	9.032425
16	1073053	1079284	10058074	9.030621	9.033136
17	1074788	1081050	10058264	9.031323	9.033846
18	1076523	1082816	10058453	9.032023	9.034554
19	1078258	1084582	10058644	9.032723	9.035262
20	1079993	1086347	10058834	9.033421	9.035969
21	1081728	1088113	10059025	9.034118	9.036674
22	1083464	1089879	10059216	9.034814	9.037378
23	1085199	1091646	10059408	9.035509	9.038082
24	1086934	1093402	10059600	9.036203	9.038784
25	1088669	1095178	10059792	9.036896	9.039485
26	1090403	1096944	10059984	9.037587	9.040184
27	1092138	1098711	10060177	9.038278	9.040883
28	1093873	1100477	10060370	9.038967	9.041581
29	1095608	1102244	10060563	9.039655	9.042277
30	1097343	1104010	10060757	9.040342	9.042973
31	1099078	1105777	10060951	9.041028	9.043667
32	1100812	1107543	10061146	9.041713	9.044361
33	1102547	1109310	10061340	9.042397	9.045053
34	1104282	1111077	10061535	9.043080	9.045744
35	1106016	1112844	10061730	9.043761	9.046434
36	1107751	1114611	10061926	9.044442	9.047123
37	1109486	1116378	10062122	9.045121	9.047811
38	1111220	1118145	10062318	9.045800	9.048498
39	1112955	1119912	10062515	9.046477	9.049184
40	1114689	1121680	11562711	9.047154	9.049869
41	1116424	1123447	10062909	9.047829	9.050552
42	1118158	1125214	10063106	9.048503	9.051235
43	1119892	1126982	10063304	9.049176	9.051917
44	1121627	1128749	10063502	9.049848	9.052597
45	1123361	1130517	10063700	9.050519	9.053277
46	1125095	1132285	10063899	9.051189	9.053955
47	1126829	1134052	10064098	9.051858	9.054633
48	1128564	1135820	10064297	9.052526	9.055309
49	1130298	1137588	10064497	9.053193	9.055985
50	1132032	1139356	10064697	9.053859	9.056659

M.	Sinus.	Tang.	Secant.	Lo. Sin.	Lo. Tan.
100	9945219	95143644	95667722	9.997614	10.978380
99	9945036	94984171	95509124	9.997606	10.977651
98	9944853	94825226	95351054	9.997598	10.976924
97	9944670	94666806	95193503	9.997590	10.976198
96	9944487	94508908	95036486	9.997582	10.975473
95	9944303	94351531	94879984	9.997574	10.974749
94	9944119	94194671	94723999	9.997566	10.974026
93	9943934	94038326	94568529	9.997558	10.973305
92	9943750	93882493	94413572	9.997550	10.972584
91	9943565	93727171	94259124	9.997542	10.971865
90	9943379	93572359	94105184	9.997534	10.971157
89	9943194	93418045	93951748	9.997526	10.970430
88	9943008	93264236	93798815	9.997518	10.969715
87	9942821	93110928	93646382	9.997509	10.969000
86	9942635	92958117	93494447	9.997501	10.968287
85	9942448	92805801	93343005	9.997493	10.967575
84	9942261	92653978	93192058	9.997485	10.966864
83	9942074	92502645	93041600	9.997477	10.966154
82	9941886	92351800	92891630	9.997469	10.965445
81	9941698	92201441	92742146	9.997460	10.964738
80	9941509	92051564	92593145	9.997452	19.964031
79	9941321	91902169	92444624	9.997444	10.963326
78	9941132	91753251	92296582	9.997436	10.962621
77	9940943	91604810	92149017	9.997427	10.961918
76	9940753	91456843	92001925	9.997419	10.961216
75	9940563	91309348	91855305	9.997411	10.960515
74	9940373	91163322	91709154	9.997402	10.959815
73	9940183	91015763	91563470	9.997393	10.959116
72	9939992	90869669	91418252	9.997386	10.958419
71	9939801	90724038	91273496	9.997377	10.957722
70	9939609	90578867	91129200	9.997369	10.957027
69	9939418	90434154	90985363	9.997361	10.956332
68	9939226	90289897	90841981	9.997352	10.955639
67	9939033	90146095	90699054	9.997344	10.954947
66	9938841	90002744	90556579	9.997336	10.954256
65	9938648	89859843	90414553	9.997327	10.953565
64	9938455	89717389	90272975	9.997319	10.952876
63	9938261	89575381	90131842	9.997310	10.952188
62	9938067	89433816	89991152	9.997302	10.951502
61	9937873	89292693	89850904	9.997293	10.950816
60	9937679	89152008	89711095	9.997285	10.950131
59	9937484	89011761	89571723	9.997276	10.949447
58	9937289	88871949	89432786	9.997268	10.948765
57	9937094	88732570	89294283	9.997259	10.948083
56	9936898	88593622	89156210	9.997251	10.947402
55	9936702	88455103	89018566	9.997242	10.946723
54	9936506	88317010	88881350	9.997234	10.946044
53	9936310	88179344	88744558	9.997225	10.945367
52	9936113	88042100	88608190	9.997216	10.944690
51	9935915	87905277	88472243	9.997208	10.944015
50	9935718	87768873	88336715	9.997199	10.943340

M	Sinus.	Tang.	Secant.	Lo. Sin.	Lo. Tan
50	1132032	1130356	10064697	9.053859	9.056659
51	1133766	1141124	10064837	9.054523	9.057333
52	1135500	1142892	10065098	9.055187	9.058005
53	1137234	1144660	10065239	9.055850	9.058676
54	1138968	1146428	10065500	9.056511	9.059347
55	1140702	1148197	10065702	9.057172	9.060016
56	1142436	1149965	10065924	9.057832	9.060685
57	1144170	1151734	10066106	9.058490	9.061352
58	1145904	1153502	10066308	9.059148	9.062018
59	1147638	1155271	10066511	9.059805	9.062684
60	1149371	1157039	10066714	9.060460	9.063348
61	1151105	1158808	10066918	9.061115	9.064011
62	1152838	1160577	10067121	9.061765	9.064674
63	1154572	1162346	10067326	9.062421	9.065335
64	1156306	1164115	10067530	9.063073	9.065996
65	1158040	1165884	10067735	9.063723	9.066655
66	1159773	1167653	10067940	9.064375	9.067314
67	1161507	1169422	10068145	9.065022	9.067971
68	1163240	1171191	10068351	9.065669	9.068628
69	1164974	1172960	10068557	9.066310	9.069283
70	1166707	1174730	10068763	9.066962	9.069938
71	1168441	1176499	10068970	9.067606	9.070592
72	1170174	1178269	10069176	9.068250	9.071244
73	1171907	1180038	10069384	9.068893	9.071896
74	1173641	1181808	10069591	9.069535	9.072547
75	1175374	1183578	10069799	9.070176	9.073197
76	1177107	1185348	10070007	9.070816	9.073846
77	1178840	1187118	10070216	9.071455	9.074494
78	1180573	1188887	10070425	9.072093	9.075141
79	1182306	1190657	10070634	9.072730	9.075787
80	1184039	1192428	10070843	9.073366	9.076432
81	1185773	1194198	10071053	9.074001	9.077076
82	1187506	1195968	10071263	9.074636	9.077719
83	1189238	1197738	10071473	9.075269	9.078362
84	1190971	1199509	10071684	9.075901	9.079003
85	1192704	1201279	10071895	9.076533	9.079644
86	1194437	1203050	10072106	9.077163	9.080283
87	1196170	1204820	10072318	9.077793	9.080922
88	1197903	1206591	10072530	9.078421	9.081560
89	1199635	1208362	10072742	9.079049	9.082197
90	1201368	1210133	10072955	9.079676	9.082833
91	1203101	1211904	10073168	9.080302	9.083468
92	1204833	1213675	10073381	9.080927	9.084102
93	1206565	1215446	10073594	9.081551	9.084735
94	1208299	1217217	10073808	9.082174	9.085368
95	1210031	1217988	10074022	9.082796	9.085999
96	1211764	1222759	10074237	9.083418	9.086630
97	1213496	1224531	10074452	9.084038	9.087260
98	1215229	1224302	10074667	9.084658	9.087889
99	1216961	1226074	10074882	9.085276	9.088516
	1218693	1227845	10075098	9.085894	9.089144

M	Sinus.	Tangen.	Secant.	Lo. Sin.	Lo. Tan.
50	9935718	87765873	88336715	9.997199	10.943340
49	9935521	87632887	88221604	9.997150	10.942617
48	9935323	87497316	88056905	9.997182	10.941995
47	9935124	87362159	87932625	9.997173	10.941323
46	9934926	87227413	87798756	9.997164	10.940653
45	9934727	87093076	87665295	9.997156	10.939983
44	9934527	86959148	87532242	9.997147	10.939315
43	9934328	86825625	87399595	9.997138	10.938648
42	9934128	86692507	87267352	9.997130	10.937981
41	9933928	86559790	87135511	9.997121	10.937316
40	9933727	86427474	87004071	9.997112	10.936652
39	9933527	86295557	86873029	9.997103	10.935988
38	9933326	86164036	86742384	9.997094	10 935326
37	9933124	86032911	86612134	9.997086	10.934664
36	9932923	85902178	86482277	9.997077	10.934004
35	9932721	85771838	86352812	9.997068	10.933345
34	9932518	85641886	86223736	9.997059	10.932686
33	9932316	85512323	86095048	9.997050	10.932029
32	9932113	85383146	85966747	9.997041	10.931372
31	9931910	85254352	85838830	9.997032	10.930716
30	9931706	85125943	85711295	9.997024	10.930062
29	9931503	84997914	85584142	9.997015	10.929408
28	9931298	84870264	85457368	9.997006	10.928755
27	9931094	84742991	85330971	9.996997	10.928104
26	9930889	84616095	85204950	9.996988	10.927453
25	9930684	84489573	85079304	9.996979	10.926803
24	9930479	84363424	84954030	9.996970	10.926153
23	9930273	84237645	84829128	9.996961	10.925506
22	9930068	84112236	84704594	9.996952	10.924859
21	9929861	83987195	84580423	9.996943	10.924213
20	9929655	83862519	84456629	9.996934	10.923568
19	9929448	83738208	84333193	9.996925	10.922923
18	9929241	83614260	84210121	9.996916	10.922280
17	9929034	83490673	84087410	9.996907	10.921638
16	9928826	83367446	83965058	9.996893	10.920996
15	9928618	83244576	83843065	9.996889	10.920356
14	9928410	83122064	83721428	9.996879	10.919716
13	9928201	82999906	83600146	9.996870	10.919077
12	9927992	82878102	83479217	9.996861	10.918440
11	9927783	82756649	83358641	9.996852	10.917803
10	9927573	82635547	83238414	9.996843	10.917167
9	9927363	82514794	83118537	9.996833	10 916532
8	9927153	82394388	82999007	9.996826	10.915897
7	9926943	82274328	82879822	9.996815	10.915264
6	9926732	82154612	82760982	9.996806	10.914632
5	9926521	82035239	82642485	9.996797	10.914000
4	9926310	81916207	82524329	9.996788	10.913370
3	9926098	81797515	82406513	9.996778	10.912740
2	9925886	81679162	82289036	9.996769	10.912111
1	9925674	81561145	82171895	9.996760	10.911483
0	9925461	81443464	82055090	9.996751	10.910856

M	Sinus.	Tang.	Secant	Ly. Sin.	Ly. Tan.
0	1218693	1227645	10075093	9.085894	9.089144
1	1220425	1229517	10075314	9.086511	9.089770
2	1222158	1231389	10075531	9.087127	9.090395
3	1223890	1233161	10075747	9.087742	9.091020
4	1225622	1234933	10075964	9.088356	9.091643
5	1227354	1236705	10076182	9.088970	9.092266
6	1229085	1238477	10076399	9.089582	9.092888
7	1230819	1240249	10076617	9.090194	9.093509
8	1232551	1242021	10076835	9.090805	9.094127
9	1234283	1243793	10077054	9.091414	9.094748
10	1236015	1245566	10077273	9.092023	9.095366
11	1237746	1247338	10077492	9.092632	9.095984
12	1239478	1249111	10077712	9.093239	9.096601
13	1241210	1250883	10077932	9.093845	9.097217
14	1242942	1252656	10078152	9.094451	9.097832
15	1244674	1254429	10078372	9.095055	9.098446
16	1246406	1256201	10078593	9.095659	9.099059
17	1248137	1257974	10078814	9.096262	9.099672
18	1249869	1259747	10079036	9.096864	9.100283
19	1251601	1261520	10079257	9.097465	9.100894
20	1253332	1263294	10079480	9.098066	9.101504
21	1255064	1265067	10079702	9.098666	9.102113
22	1256795	1266840	10079925	9.099264	9.102722
23	1258527	1268613	10080148	9.099862	9.103329
24	1260258	1270387	10080371	9.100459	9.103936
25	1261989	1272160	10080595	9.101056	9.104542
26	1263721	1273934	10080819	9.101651	9.105147
27	1265452	1275708	10081043	9.102246	9.105751
28	1267183	1277482	10081268	9.102839	9.106355
29	1268915	1279255	10081492	9.103432	9.106957
30	1270646	1281029	10081718	9.104024	9.107559
31	1272377	1282803	10081943	9.104616	9.108160
32	1274108	1284577	10082169	9.105206	9.108760
33	1275839	1286352	10082395	9.105796	9.109360
34	1277570	1288126	10082622	9.106385	9.109958
35	1279301	1289900	10082849	9.106973	9.110556
36	1281032	1291675	10083076	9.107560	9.111153
37	1282763	1293449	10083303	9.108146	9.111749
38	1284494	1295224	10083531	9.108732	9.112345
39	1286225	1296998	10083759	9.109317	9.112939
40	1287956	1298773	10083988	9.109901	9.113533
41	1289687	1300548	10084216	9.110484	9.114125
42	1291417	1302323	10084445	9.111066	9.114718
43	1293148	1304098	10084675	9.111648	9.115310
44	1294879	1305873	10084905	9.112229	9.115901
45	1296609	1307648	10085135	9.112809	9.116491
46	1298341	1309423	10085365	9.113388	9.117080
47	1300070	1311198	10085596	9.113967	9.117668
48	1301801	1312974	10085827	9.114544	9.118256
49	1303531	1314749	10086058	9.115121	9.118843
50	1305262	1316525	10086289	9.115697	9.119429

M.	Sinus.	Tangen.	Secant.	Lo. Sin.	Lo. Tan
100	9925461	81443464	82055030	9.996751	10.910856
99	9925248	81326117	81938619	9.996742	10.910230
98	9925035	81209103	81821481	9.996731	10.909605
97	9924822	81092420	81706674	9.996723	10.908980
96	9924608	80976067	81591197	9.996713	10.908356
95	9924394	80860042	81476048	9.996704	10.907734
94	9924180	80744344	81361226	9.996694	10.907112
93	9923965	80628972	81246730	9.996685	10.906491
92	9923750	80513924	81132558	9.996676	10.905871
91	9923535	80399199	81018709	9.996666	10.905252
90	9923319	80284796	80905182	9.996657	10.904633
89	9923103	80170713	80791975	9.996647	10.904016
88	9922887	80056948	80679086	9.996638	10.903399
87	9922671	79943501	80565515	9.996628	10.902783
86	9922454	79830370	80454261	9.996619	10.902168
85	9922237	79717554	80342321	9.996609	10.901554
84	9922019	79605052	80230694	9.996600	10.900940
83	9921802	79492862	80119380	9.996590	10.900328
82	9921584	79380982	80008377	9.996581	10.899716
81	9921365	79269412	79897683	9.996571	10.899105
80	9921147	79158151	79787297	9.996562	10.898495
79	9920928	79047196	79677219	9.996552	10.897886
78	9920709	78936547	79567446	9.996543	10.897278
77	9920489	78826203	79457978	9.996533	10.896670
76	9920269	78716162	79348813	9.996523	10.896064
75	9920049	78606422	79239950	9.996514	10.895458
74	9919829	78496984	79131387	9.996504	10.894853
73	9919608	78387845	79023124	9.996494	10.894249
72	9919387	78279004	78915160	9.996485	10.893645
71	9919166	78170460	78807492	9.996475	10.893042
70	9918944	78062212	78700120	9.996465	10.892441
69	9918722	77954258	78593043	9.996456	10.891840
68	9918500	77846598	78486259	9.996446	10.891239
67	9918278	77739230	78379767	9.996436	10.890640
66	9918055	77632153	78273566	9.996426	10.890041
65	9917832	77525366	78167655	9.996417	10.889444
64	9917608	77418867	78062033	9.996407	10.888847
63	9917384	77312656	77956698	9.996397	10.888250
62	9917160	77206731	77851649	9.996387	10.887655
61	9916936	77101091	77746886	9.996377	10.887060
60	9916711	76995735	77642406	9.996367	10.886466
59	9916486	76890662	77538203	9.996358	10.885873
58	9916261	76785870	77434294	9.996348	10.885281
57	9916036	76681359	77330659	9.996338	10.884690
56	9915810	76577127	77227303	9.996328	10.884099
55	9915584	76473174	77124226	9.996318	10.883509
54	9915357	76369497	77021426	9.996308	10.882920
53	9915130	76266097	76918902	9.996298	10.882331
52	9914903	76162971	76816653	9.996288	10.881744
51	9914676	76060120	76714678	9.996278	10.881157
50	9914448	75957541	76612976	9.996268	10.880571

M	Sinus.	Tang	Secant.	Lo. Sin.	Lo. Tan.
50	1305252	1316525	10036289	9.115697	9.119429
51	1306992	1318300	10036521	9.116273	9.120014
52	1308722	1320076	10036754	9 116847	9.120599
53	1310453	1321852	10036986	9.117421	9.121183
54	1312183	1323628	10037219	9.117994	9.121766
55	1313913	1325404	10037452	9.118567	9.122348
56	1315643	1327180	10037686	9.119138	9.122930
57	1317374	1328956	10037919	9.119709	9.123510
58	1319104	1330732	10038154	9.120279	9.124090
59	1320834	1332508	10038388	9.120848	9.124670
60	1322564	1334285	10038623	9.121416	9.125248
61	1324294	1336061	10038858	9.121984	9.125826
62	1326024	1337838	10039093	9.122551	9.126403
63	1327754	1339614	10039329	9.123117	9.126980
64	1329483	1341391	10039565	9.123683	9.127555
65	1331213	1343168	10039802	9.124247	9.128130
66	1332943	1344945	10040038	9.124811	9.128704
67	1334673	1346722	10040275	9.125375	9.129278
68	1336402	1348499	10040513	9.125937	9.129850
69	1338132	1350276	10040750	9.126499	9.130422
70	1339862	1352053	10040988	9.127060	9.130994
71	1341591	1353830	10041227	9.127620	9.131564
72	1343320	1355607	10041465	9.128180	9.132134
73	1345050	1357385	10041704	9.128738	9.132703
74	1346780	1359162	10041943	9.129296	9.133271
75	1348509	1360940	10042183	9.129854	9.133839
76	1350238	1362718	10042423	9.130410	9.134405
77	1351968	1364496	10042663	9.130966	9.134972
78	1353697	1366273	10042903	9.131521	9.135537
79	1355426	1368051	10043144	9.132076	9.136102
80	1357156	1369829	10043385	9.132629	9.136665
81	1358885	1371608	10043627	9.133182	9.137230
82	1360614	1373386	10043869	9.133735	9.137792
83	1362343	1375164	10044111	9.134286	9.138353
84	1364072	1376942	10044353	9.134837	9.138916
85	1365801	1378721	10044596	9.135387	9.139476
86	1367530	1380499	10044839	9.135937	9.140036
87	1369259	1382278	10045082	9.136485	9 140595
88	1370988	1384057	10045326	9.137033	9.141154
89	1372716	1385836	10045570	9.137581	9.141712
90	1374445	1387614	10045815	9.138127	9.142269
91	1376174	1389393	10046059	9.138673	9.142825
92	1377903	1391173	10046304	9.139218	9.143381
93	1379631	1392952	10046549	9.139763	9.143936
94	1381360	1394731	10046795	9.140307	9.144490
95	1383089	1396510	10047041	9.140850	9.145044
96	1384819	1398289	10047287	9.141392	9.145597
97	1386546	1400069	10047534	9.141933	9.146149
98	1388274	1401849	10047781	9.142474	9.146701
99	1390002	1403628	10048028	9.143015	9.147252
	1391731	1405408	10048276	9.143555	9.147802

M	Sinus.	Tangen.	Secant.	Lo. Sin.	Log. Tan.
50	9914448	75957541	76612976	9.996268	10.880571
49	9914220	75865234	76511545	9.996258	10.879935
48	9913992	75753107	76410384	9.996248	10.879401
47	9913764	75651430	76309493	9.996238	10.878817
46	9913535	75549931	76208871	9.996228	10.878234
45	9913306	75448693	76108516	9.996218	10.877652
44	9913076	75347734	76008427	9.996208	10.877070
43	9912846	75247033	75908603	9.996198	10.876489
42	9912616	75146597	75809044	9.996188	10.875909
41	9912386	75046425	75709747	9.996178	10.875330
40	9912155	74946514	75610713	9.996168	10.874751
39	9911924	74846864	75511940	9.996158	10.874173
38	9911693	74747474	75413427	9.996148	10.873596
37	9911461	74648343	75315172	9.996138	10.873020
36	9911229	74549471	75217176	9.996127	10.872444
35	9910997	74450855	75119436	9.996117	10.871869
34	9910765	74352495	75021953	9.996107	10.871295
33	9910532	74254390	74924725	9.996097	10.870722
32	9910299	74156539	74827751	9.996087	10.870149
31	9910065	74058941	74731029	9.996076	10.869577
30	9909832	73961595	74634560	9.996066	10.869006
29	9909598	73864500	74538341	9.996056	10.868436
28	9909363	73767655	74442373	9.996046	10.867866
27	9909129	73671059	74346654	9.996035	10.867297
26	9908894	73574711	74251182	9.996025	10.866728
25	9908659	73478610	74155958	9.996015	10.866161
24	9908423	73382756	74060980	9.996004	10.865594
23	9908187	73287146	73966248	9.995994	10.865028
22	9907951	73191781	73871759	9.995984	10.864462
21	9907715	73096659	73777514	9.995973	10.863897
20	9907478	73001780	73683512	9.995963	10 863333
19	9907241	72907142	73589751	9.995953	10.862770
18	9907004	72812745	73496230	9.995942	10.862207
17	9906766	72718587	73402949	9.995932	10.861645
16	9906528	72624668	73309907	9.995921	10.861084
15	9906290	72530987	73217102	9.995911	10.860523
14	9906052	72437543	73124535	9.995900	10.859964
13	9905813	72344334	73032203	9.995890	10.859404
12	9905574	72251361	72940107	9.995879	10.858846
11	9905334	72158622	72848244	9.995869	10.858288
10	9905094	72066116	72756615	9.995858	10.857731
9	9904854	71973843	72665219	9.995848	10.857174
8	9904614	71881801	72575054	9.995837	10.856619
7	9904373	71789990	72483119	9.995827	10.856064
6	9904132	71698408	72392415	9.995816	10.855509
5	9903891	71607056	72301939	9.995806	10.854956
4	9903650	71515931	72211692	9.995795	10.854403
3	9903408	71425034	72121671	9.995784	10.853850
2	9903166	71334363	72031877	9.995774	10.853299
1	9902923	71243918	71942309	9.995764	10.852748
0	9902680	71153697	71852965	9.995753	10.852197

M	Sinus.	Tang.	Secant.	Lo Sin.	Lo. Tan.
0	1391731	1405403	10098276	9.143555	9.147802
1	1393459	1407188	10098523	9.144034	9.148352
2	1395187	1408968	10098772	9.144632	9.148901
3	1396916	1410748	10099020	9.145170	9.149449
4	1398644	1412528	10099269	9.145707	9.149997
5	1400372	1414308	10099518	9.146243	9.150544
6	1402100	1416089	10099767	9.146779	9.151090
7	1403828	1417869	10100017	9.147314	9.151636
8	1405556	1419649	10100267	9.147848	9.152181
9	1407284	1421430	10100518	9.148382	9.152825
10	1409012	1423211	10100769	9.148915	9.153269
11	1410740	1424991	10101020	9.149447	9.153812
12	1412468	1426772	10101271	9.149978	9.154354
13	1414196	1428553	10101523	9.150509	9.154896
14	1415923	1430334	10101775	9.151040	9.155437
15	1417651	1432115	10102027	9.151569	9.155978
16	1419379	1433896	10102280	9.152098	9.156518
17	1421106	1435678	10102533	9.152626	9.157057
18	1422834	1437459	10102786	9.153154	9.157595
19	1424562	1439240	10103040	9.153681	9.158133
20	1426289	1441022	10103294	9.154207	9.158670
21	1428017	1442803	10103548	9.154733	9.159207
22	1429744	1444585	10103802	9.155259	9.159743
23	1431471	1446367	10104057	9.155783	9.160278
24	1433199	1448149	10104313	9.156308	9.160813
25	1434926	1449931	10104568	9.156829	9.161347
26	1436653	1451713	10104824	9.157352	9.161881
27	1438380	1453495	10105080	9.157874	9.162413
28	1440108	1455277	10105337	9.158395	9.162946
29	1441835	1457060	10105593	9.158915	9.163477
30	1443562	1458842	10105851	9.159435	9.164008
31	1445289	1460625	10106108	9.159955	9.164538
32	1447016	1462407	10106366	9.160473	9.165068
33	1448743	1464190	10106624	9.160991	9.165597
34	1450470	1465973	10106882	9.161509	9.166126
35	1452197	1467756	10107141	9.162025	9.166654
36	1453923	1469539	10107400	9.162541	9.167181
37	1455650	1471322	10107660	9.163057	9.167707
38	1457377	1473104	10107919	9.163572	9.168233
39	1459103	1474888	10108179	9.164086	9.168759
40	1460830	1476671	10108440	9.164599	9.169284
41	1462557	1478455	10108700	9.165113	9.169809
42	1464283	1480238	10108961	9.165625	9.170331
43	1466009	1482022	10109223	9.166137	9.170854
44	1467736	1483806	10109484	9.166648	9.171377
45	1469462	1485589	10109746	9.167158	9.171898
46	1471189	1487373	10110009	9.167668	9.172420
47	1472915	1489157	10110271	9.168178	9.172940
48	1474642	1490941	10110534	9.168686	9.173460
49	1476368	1492725	10110798	9.169194	9.173980
50	1478094	1494510	10111061	9.169702	9.174499

M.	Sinus.	Tangen.	Secant.	Lo. Sin.	Lo. Tan.
100	9902880	71153697	71852965	9.995753	10.852197
99	9902437	71063700	71763845	9.995742	10.851648
98	9902194	70973726	71674948	9.995731	10.851099
97	9901950	70884774	71586273	9.995721	10.850550
96	9901706	70795044	71497820	9.995710	10.850003
95	9901462	70705934	71409587	9.995699	10.849456
94	9901218	70617043	71321573	9.995688	10.848909
93	9900973	70528372	71233773	9.995678	10.848364
92	9900728	70439918	71146222	9.995667	10.847819
91	9900482	70351682	71058843	9.995656	10.847274
90	9900236	70263662	70971700	9.995645	10.846731
89	9899990	70175858	70884773	9.995635	10.846188
88	9899744	70088268	70798060	9.995624	10.845645
87	9899497	70000893	70711562	9.995613	10.845103
86	9899250	69913731	70625277	9.995602	10.844562
85	9899003	69826781	70539204	9.995591	10.844022
84	9898755	69740043	70453344	9.995580	10.843482
83	9898508	69653516	70367694	9.995570	10.842943
82	9898259	69567199	70282254	9.995559	10.842404
81	9898011	69481091	70197023	9.995548	10.841866
80	9897762	69395192	70112001	9.995537	10.841329
79	9897513	69309502	70027187	9.995526	10.840793
78	9897264	69224017	69942580	9.995515	10.840257
77	9897014	69138739	69858179	9.995504	10.839721
76	9896764	69053667	69773981	9.995493	10.839187
75	9896514	68968800	69689984	9.995482	10.838652
74	9896263	68884136	69606188	9.995471	10.838119
73	9896012	68799676	69522625	9.995460	10.837586
72	9895761	68715418	69439245	9.995449	10.837054
71	9895509	68631363	69356066	9.995438	10.836522
70	9895258	68547508	69273089	9.995427	10.835991
69	9895006	68463854	69190312	9.995416	10.835461
68	9894753	68380400	69107735	9.995405	10.834931
67	9894500	68297144	69025357	9.995394	10.834402
66	9894247	68214087	68943177	9.995383	10.833874
65	9893994	68131227	68861195	9.995371	10.833346
64	9893741	68048564	68779409	9.995360	10.832819
63	9893487	67966097	68697820	9.995349	10.832292
62	9893232	67883826	68616426	9.995338	10.831766
61	9892978	67801750	68535227	9.995327	10.831241
60	9892723	67719866	68454221	9.995316	10.830716
59	9892468	67638178	68373409	9.995304	10.830192
58	9892213	67556681	68292790	9.995293	10.829668
57	9891957	67475377	68212363	9.995282	10.829145
56	9891701	67394263	68132127	9.995271	10.828623
55	9891445	67313341	68052082	9.995260	10.828101
54	9891188	67232608	67972226	9.995248	10.827580
53	9890931	67152064	67892560	9.995237	10.827059
52	9890674	67071709	67813083	9.995226	10.826539
51	9890416	66991542	67733793	9.995214	10.826020
50	9890158	66911562	67654691	9.995203	10.825501

M	Sinus.	Tang.	Secant.	Lo. Sin.	Lo. Tan.
50	1478094	1494510	10111061	9.169702	9.174498
51	1479820	1496294	10111325	9.170209	9.175017
52	1481546	1498079	10111589	9.170715	9.175534
53	1483272	1499863	10111854	9.171221	9.176051
54	1484998	1501648	10112119	9.171726	9.176568
55	1486724	1503433	10112384	9.172230	9.177084
56	1488450	1505217	10112649	9.172734	9.177599
57	1490176	1507002	10112915	9.173237	9.178114
58	1491902	1508787	10113181	9.173740	9.178628
59	1493628	1510572	10113448	9.174242	9.179141
60	1495353	1512358	10113715	9.174744	9.179654
61	1497079	1514143	10113982	9.175245	9.180167
62	1498805	1515928	10114249	9.175745	9.180679
63	1500530	1517714	10114517	9.176244	9.181190
64	1502256	1519499	10114785	9.176744	9.181700
65	1503981	1521285	10115053	9.177242	9.182210
66	1505707	1523071	10115322	9.177740	9.182720
67	1507432	1524857	10115591	9.178238	9.183229
68	1509157	1526643	10115861	9.178734	9.183737
69	1510883	1528429	10116130	9.179231	9.184245
70	1512608	1530215	10116400	9.179726	9.184752
71	1514333	1532001	10116671	9.180221	9.185259
72	1516058	1533787	10116941	9.180716	9.185765
73	1517784	1535574	10117212	9.181210	9.186271
74	1519509	1537360	10117484	9.181703	9.186776
75	1521234	1539147	10117755	9.182196	9.187280
76	1522959	1540934	10118027	9.182688	9.187784
77	1524684	1542721	10118299	9.183180	9.188287
78	1526409	1544507	10118572	9.183671	9.188790
79	1528133	1546294	10118845	9.184161	9.189292
80	1529858	1548082	10119118	9.184651	9.189794
81	1531583	1549869	10119392	9.185140	9.190295
82	1533308	1551656	10119666	9.185627	9.190795
83	1535032	1553443	10119940	9.186117	9.191293
84	1536757	1555231	10120214	9.186605	9.191795
85	1538481	1557019	10120489	9.187092	9.192294
86	1540206	1558806	10120764	9.187579	9.192792
87	1541931	1560594	10121040	9.188065	9.193290
88	1543655	1562382	10121316	9.188550	9.193787
89	1545379	1564170	10121592	9.189035	9.194284
90	1547104	1565958	10121868	9.189519	9.194780
91	1548828	1567746	10122145	9.190003	9.195276
92	1550552	1569534	10122422	9.190486	9.195771
93	1552276	1571323	10122700	9.190969	9.196265
94	1554001	1573111	10122978	9.191451	9.196759
95	1555725	1574900	10123256	9.191933	9.197253
96	1557449	1576689	10123534	9.192414	9.197746
97	1559173	1578477	10123813	9.192894	9.198238
98	1560897	1580266	10124092	9.193374	9.198730
99	1562621	1582055	10124371	9.193853	9.199221
	1564344	1583844	10124651	9.194332	9.199712

M	Sinus.	Tangen.	Secant.	Lo. Sin.	Lo. Tan.
50	9890158	66911562	67654691	9.995203	10.825501
49	9889900	66831769	67575775	9.995192	10.824983
48	9889642	66752162	67497045	9.995180	10.824465
47	9889383	66672739	67418500	9.995169	10.823948
46	9889124	66593502	67340140	9.995158	10.823432
45	9888865	66514449	67261964	9.995146	10.822916
44	9888605	66435578	67183972	9.995135	10.822401
43	9888345	66356891	67106162	9.995123	10.821886
42	9888085	66278386	67028534	9.995112	10.821372
41	9887824	66200062	66951088	9.995101	10.820858
40	9887563	66121918	66873822	9.995089	10.820345
39	9887302	66043955	66796733	9.995078	10.819833
38	9887041	65966172	66719821	9.995066	10.819321
37	9886779	65888567	66643103	9.995055	10.818810
36	9886517	65811141	66566555	9.995043	10.818299
35	9886255	65733892	66490184	9.995032	10.817789
34	9885992	65656821	66413990	9.995020	10.817280
33	9885729	65579925	66337973	9.995009	10.816770
32	9885466	65503206	66262131	9.994997	10.816262
31	9885203	65426662	66186465	9.994985	10.815755
30	9884939	65350292	66110973	9.994974	10.815247
29	9884675	65274097	66035655	9.994962	10.814741
28	9884410	65198075	65960511	9.994951	10.814235
27	9884145	65122226	65885539	9.994939	10.813729
26	9883880	65046548	65810740	9.994927	10.813224
25	9883615	64971043	65736112	9.994916	10.812720
24	9883349	64895709	65661656	9.994904	10.812216
23	9883083	64820545	65587369	9.994892	10.811712
22	9882817	64745551	65513253	9.994881	10.811210
21	9882550	64670726	65439306	9.994869	10.810708
20	9882284	64596070	65365528	9.994857	10.810206
19	9882016	64521582	65291918	9.994845	10.809705
18	9881749	64447262	65218476	9.994834	10.809204
17	9881481	64373109	65145200	9.994822	10.808704
16	9881213	64299122	65072091	9.994810	10.808205
15	9880945	64225301	64999148	9.994798	10.807705
14	9880676	64151645	64926370	9.994786	10.807206
13	9880407	64078154	64853757	9.994775	10.806710
12	9880138	64004827	64781308	9.994763	10.806213
11	9879868	63931664	64709023	9.994751	10.805716
10	9879598	63858664	64636901	9.994739	10.805220
9	9879328	63785827	64564942	9.994727	10.804724
8	9879058	63713151	64493144	9.994715	10.804229
7	9878787	63640637	64421508	9.994703	10.803734
6	9878516	63568284	64350033	9.994692	10.803240
5	9878245	63496092	64278719	9.994680	10.802747
4	9877973	63424059	64207564	9.994668	10.802254
3	9877701	63352185	64136568	9.994656	10.801761
2	9877429	63280470	64065731	9.994644	10.801270
1	9877156	63208914	63995053	9.994632	10.800778
0	9876883	63137515	63924532	9.994620	10.800287

M	Sinus.	Tang.	Secant.	Lo. Sin.	Lo. Tan.
0	1564344	1583844	10124651	9.194332	9.199712
1	1566068	1585633	10124931	9.194811	9.200203
2	1567792	1587423	10125211	9.195288	9.200692
3	1569516	1589212	10125492	9.195766	9.201182
4	1571239	1591001	10125774	9.196242	9.201673
5	1572963	1592791	10126055	9.196718	9.202159
6	1574687	1594581	10126335	9.197194	9.202646
7	1576410	1596370	10126615	9.197669	9.203134
8	1578134	1598160	10126900	9.198144	9.203620
9	1579857	1599950	10127183	9.198618	9.204106
10	1581580	1601740	10127465	9.199091	9.204592
11	1583304	1603530	10127749	9.199564	9.205077
12	1585027	1605321	10128033	9.200037	9.205562
13	1586750	1607111	10128317	9.200508	9.206046
14	1588474	1608902	10128601	9.200980	9.206529
15	1590197	1610692	10128886	9.201451	9.207012
16	1591920	1612483	10129171	9.201921	9.207495
17	1593643	1614273	10129456	9.202391	9.207977
18	1595365	1616064	10129741	9.202860	9.208459
19	1597089	1617855	10130027	9.203329	9.208940
20	1598812	1619646	10130313	9.203797	9.209420
21	1600535	1621438	10130600	9.204265	9.209900
22	1602257	1623229	10130887	9.204732	9.210380
23	1603980	1625020	10131174	9.205199	9.210859
24	1605703	1626812	10131462	9.205665	9.211337
25	1607425	1628603	10131749	9.206131	9.211815
26	1609148	1630395	10132038	9.206596	9.212293
27	1610871	1632187	10132326	9.207061	9.212770
28	1612593	1633979	10132615	9.207525	9.213246
29	1614316	1635771	10132904	9.207988	9.213722
30	1616038	1637563	10133193	9.208451	9.214198
31	1617760	1639355	10133483	9.208914	9.214673
32	1619483	1641147	10133773	9.209376	9.215147
33	1621205	1642939	10134064	9.209838	9.215621
34	1622927	1644732	10134354	9.210299	9.216095
35	1624649	1646525	10134646	9.210759	9.216568
36	1626371	1648317	10134937	9.211220	9.217041
37	1628094	1650110	10135229	9.211679	9.217513
38	1629816	1651903	10135521	9.212138	9.217984
39	1631538	1653696	10135813	9.212597	9.218456
40	1633259	1655489	10136106	9.213055	9.218925
41	1634981	1657282	10136398	9.213513	9.219395
42	1636703	1659076	10136692	9.213970	9.219866
43	1638425	1660869	10136986	9.214426	9.220335
44	1640147	1662663	10137280	9.214883	9.220804
45	1641868	1664456	10137574	9.215338	9.221272
46	1643590	1666250	10137869	9.215793	9.221740
47	1645311	1668044	10138164	9.216248	9.222207
48	1647033	1669838	10138459	9.216702	9.222674
49	1648754	1671632	10138755	9.217156	9.223140
50	1650476	1673426	10139051	9.217609	9.223606

M	Sinus.	Tang.	Secant.	Lo. Sin.	Lo Tan.
100	9876883	63137515	63924532	9.994619	10.800287
99	9876610	63066273	63854163	9.994608	10.799707
98	9876337	62995188	63783962	9.994596	10.799307
97	9876063	62924259	63713911	9.994584	10.798818
96	9875789	62853486	63644016	9.994572	10.798329
95	9875514	62782868	63574276	9.994559	10.797841
94	9875240	62712404	63504690	9.994547	10.797353
93	9874965	62642095	63435259	9.994535	10.796866
92	9874689	62571939	63365981	9.994523	10.796379
91	9874414	62501936	63296856	9.994511	10.795893
90	9874138	62432086	63227884	9.994499	10.795408
89	9873862	62362388	63159064	9.994487	10.794923
88	9873585	62292841	63090396	9.994475	10.794438
87	9873308	62223445	63021878	9.994463	10.793954
86	9873031	62154200	62953512	9.994450	10.793470
85	9872754	62085105	62885296	9.994438	10.792987
84	9872476	62016160	62817228	9.994426	10.792505
83	9872198	61947364	62749310	9.994414	10.792023
82	9871920	61878716	62681540	9.994401	10.791541
81	9871641	61810216	62613919	9.994389	10.791060
80	9871362	61741864	62546445	9.994377	10.790580
79	9871083	61673660	62479119	9.994364	10.790100
78	9870804	61605602	62411939	9.994352	10.789620
77	9870524	61537690	62344906	9.994340	10.789141
76	9870244	61469923	62278018	9.994327	10.788662
75	9869963	61402302	62211275	9.994315	10.788184
74	9869683	61334826	62144677	9.994303	10.787707
73	9869402	61267494	62078224	9.994291	10.787230
72	9869120	61200306	62011914	9.994278	10.786753
71	9868839	61133262	61945748	9.994266	10.786277
70	9868557	61066360	61879725	9.994253	10.785802
69	9868275	60999601	61813844	9.994241	10.785327
68	9867992	60932984	61748105	9.994229	10.784852
67	9867709	60866508	61682508	9.994216	10.784378
66	9867426	60800173	61617052	9.994204	10.783905
65	9867143	60733979	61551736	9.994191	10.783432
64	9866859	60667925	61486561	9.994179	10.782959
63	9866575	60602011	61421525	9.994166	10.782487
62	9866291	60536237	61356629	9.994154	10.782015
61	9866006	60470601	61291872	9.994141	10.781544
60	9865721	60405103	61227253	9.994128	10.781073
59	9865436	60339743	61162772	9.994116	10.780603
58	9865151	60274521	61098428	9.994103	10.780133
57	9864865	60209436	61034222	9.994091	10.779665
56	9864578	60144488	60970152	9.994078	10.779196
55	9864292	60079676	60906219	9.994065	10.778728
54	9864006	60015000	60842421	9.994052	10.778260
53	9863719	59950459	60778759	9.994040	10.777792
52	9863431	59886053	60715231	9.994027	10.777325
51	9863144	59821781	60651838	9.994014	10.776859
50	9862856	59757643	60588579	9.994002	10.776393

M	Sinus.	Tang.	Secant.	Lo. Sin.	Lo Tan.
50	1652476	1673426	10139051	9.217609	9.223606
51	1652197	1675220	10139347	9.218062	9.224072
52	1653919	1677015	10139644	9.218514	9.224537
53	1655640	1678809	10139941	9.218966	9.225001
54	1657361	1680604	10140238	9.219417	9.225465
55	1659082	1682398	10140536	9.219868	9.225929
56	1660803	1684193	10140833	9.220318	9.226392
57	1662524	1685988	10141132	9.220768	9.226854
58	1664245	1687783	10141430	9.221217	9.227316
59	1665966	1689578	10141729	9.221666	9.227778
60	1667687	1691373	10142028	9.222114	9.228239
61	1669408	1693169	10252323	9.222562	9.228700
62	1671129	1694964	10142928	9.223010	9.229160
63	1672850	1696759	10142928	9.223457	9.229620
64	1674570	1698555	10143229	9.223903	9.230079
65	1676291	1700351	10143529	9.224349	9.230538
66	1678012	1702146	10143831	9.224795	9.230997
67	1679732	1703943	10144132	9.225240	9.231455
68	1681453	1705739	10144434	9.225685	9.231912
69	1683173	1707535	10144736	9.226129	9.232369
70	1684894	1709331	10145039	9.226572	9.232826
71	1686614	1711127	10145341	9.227016	9.233282
72	1688334	1612924	10145645	9.227458	9.233738
73	1690054	1714721	10145949	9.227900	9.234193
74	1691775	1716517	10146252	9.228342	9.234648
75	1693495	1718314	10146556	9.228784	9.235102
76	1695215	1720111	10146860	9.229225	9.235556
77	1696935	1721908	10147165	9.229665	9.236010
78	1698655	1723705	10147470	9.230105	9.236463
79	1700375	1725503	10147776	9.230545	9.236915
80	1702095	1727300	10148082	9.230984	9.237368
81	1703815	1729097	10148388	9.231422	9.237819
82	1705534	1730896	10148694	9.231860	9.238271
83	1707254	1732692	10149001	9.232298	9.238721
84	1708974	1734490	10149308	9.232735	9.239172
85	1710693	1736288	10149615	9.233172	9.239622
86	1712413	1738086	10149923	9.233608	9.240071
87	1714133	1739884	10150231	9.234044	9.240520
88	1715852	1741682	10150540	9.234480	9.240969
89	1717571	1743481	10150849	9.234915	9.241417
90	1719291	1745279	10151157	9.235349	9.241865
91	1721010	1747078	10151467	9.235783	9.242312
92	1722729	1748876	10151776	9.236217	9.242759
93	1724449	1750675	10152086	9.236650	9.243205
94	1726168	1752474	10152397	9.237083	9.243651
95	1727887	1754273	10152708	9.237515	9.244097
96	1729606	1756072	10153019	9.237947	9.244542
97	1731325	1757871	10153330	9.238378	9.244987
98	1733044	1759671	10153642	9.238809	9.245431
99	1734763	1761470	10153954	9.239240	9.245875
90	1736481	1763270	10154266	9.239670	9.246319

M	Sinus.	Tangen.	Secant.	Lo. Sin.	Lo. Tan.
50	9862856	59757643	60588579	9.994002	10.776393
49	9862568	59693640	60525454	9.993990	10.775928
48	9862279	59629769	60462462	9.993977	10.775463
47	9861990	59566031	60399603	9.993964	10.774998
46	9861701	59502426	60336876	9.993952	10.774534
45	9861412	59438952	60274282	9.993939	10.774071
44	9861122	59375610	60211819	9.993926	10.773608
43	9860832	59312400	60149487	9.993913	10.773145
42	9860542	59249319	60087285	9.993901	10.772683
41	9860251	59186370	60025214	9.993888	10.772222
40	9859960	59123550	59963273	9.993875	10.771760
39	9859669	59060860	59901462	9.993862	10.771300
38	9859377	58998299	59839780	9.993849	10.770839
37	9859086	58935866	59778226	9.993836	10.770379
36	9858794	58873562	59716801	9.993824	10.769920
35	9858501	58811386	59655503	9.993811	10.769461
34	9858208	58749337	59594334	9.993798	10.769003
33	9857915	58687415	59533291	9.993785	10.768545
32	9857622	58625621	59472375	9.993772	10.768087
31	9857328	58563952	59411585	9.993759	10.767630
30	9857034	58502409	59350922	9.993746	10.767174
29	9856740	58440992	59290384	9.993733	10.766717
28	9856446	58379700	59229971	9.993720	10.766262
27	9856151	58318533	59169682	9.993707	10.765806
26	9855856	58257491	59109519	9.993694	10.765352
25	9855560	58196572	59049479	9.993681	10.764897
24	9855265	58135777	58989563	9.993668	10.764443
23	9854969	58075105	58929770	9.993655	10.763990
22	9854672	58014556	58870100	9.993642	10.763537
21	9854376	57954129	58810553	9.993629	10.763084
20	9854079	57893825	58751127	9.993616	10.762632
19	9853782	57833642	58691824	9.993603	10 762180
18	9853484	57773581	58632642	9.993590	10.761729
17	9853186	57713641	58573581	9.993576	10.761278
16	9852888	57653821	58514640	9.993563	10.760827
15	9852590	57594122	58455820	9.993550	10.760377
14	9852291	57534542	58397119	9.993537	10.759928
13	9851992	57475082	58338539	9.993524	10.759479
12	9851693	57415742	58280077	9.993511	10.759031
11	9851393	57356520	58221734	9.993497	10.758583
10	9851093	57297416	58163510	9.993484	10.758135
9	9850793	57238431	58105404	9.993471	10.757688
8	9850492	57179563	58047416	9.993458	10.757241
7	9850191	57120813	57989544	9.993444	10.756794
6	9849890	57062180	57931790	9.993431	10.756348
5	9849589	57003663	57874153	9.993418	10.755903
4	9849287	56945263	57816632	9.993405	10.755457
3	9848985	56886979	57759227	9.993391	10.755013
2	9848683	56828810	57701938	9.993378	10.754568
1	9848380	56770756	57644764	9.993365	10.754124
0	9848077	56712818	57587705	9.993351	10.753681

M	Sinus.	Tang.	Secant.	Lo. Sin.	Lo. Tan
0	1736481	1763270	10154263	9.239670	9.246318
1	1738300	1765069	10154579	9.240100	9.246761
2	1739919	1766869	10154931	9.240523	9.247204
3	1741638	1768669	10155205	9.240958	9.247646
4	1743356	1770469	10155519	9.241386	9.248088
5	1745075	1772269	10155833	9.241814	9.248529
6	1746794	1774069	10156147	9.242241	9.248970
7	1748512	1775869	10156461	9.242668	9.249411
8	1750230	1777670	10156776	9.243095	9.249851
9	1751949	1779470	10157092	9.243521	9.250291
10	1753667	1781271	10157407	9.243947	9.250730
11	1755385	1783072	10157723	9.244372	9.251169
12	1757104	1784873	10158040	9.244797	9.251607
13	1758821	1786674	10158356	9.245222	9.252045
14	1760540	1788475	10158673	9.245646	9.252483
15	1762258	1790276	10158990	9.246069	9.252920
16	1763976	1792077	10159308	9.246492	9.253357
17	1765694	1793879	10159626	9.246915	9.253793
18	1767412	1795680	10159944	9.247338	9.254229
19	1769129	1797482	10160263	9.247759	9.254664
20	1770847	1799284	10160582	9.248181	9.255100
21	1772565	1801086	10160901	9.248602	9.255534
22	1774283	1802888	10161220	9.249023	9.255969
23	1776000	1804690	10161540	9.249443	9.256402
24	1777718	1806492	10161861	9.249863	9.256836
25	1779435	1808294	10162181	9.250282	9.257269
26	1781153	1810097	10162502	9.250701	9.257702
27	1782870	1811899	10162823	9.251120	9.258134
28	1784587	1813702	10163145	9.251538	9.258566
29	1786305	1815505	10163467	9.251955	9.258997
30	1788022	1817308	10163789	9.252373	9.259428
31	1789739	1819111	10165111	9.252790	9.259859
32	1791456	1820914	10164434	9.253205	9.260289
33	1793173	1822717	10164757	9.253622	9.260719
34	1794890	1824521	10115081	9.254038	9.261149
35	1796607	1826324	10165405	9.254453	9.261578
36	1798324	1828128	10165729	9.254868	9.262008
37	1800041	1829931	10166054	9.255282	9.262435
38	1801758	1831735	10166378	9.255696	9.262862
39	1803475	1833539	10166704	9.256110	9.263290
40	1805191	1835343	10167029	9.256523	9.263717
41	1806908	1837147	10167355	9.256936	9.264144
42	1808624	1838952	10167681	9.257348	9.264570
43	1810341	1840756	10168008	9.257760	9.264996
44	1812057	1842561	10168334	9.258172	9.265422
45	1813774	1844365	10168662	9.258583	9.265847
46	1815490	1846170	10168989	9.258994	9.266272
47	1817206	1847975	10169317	9.259404	9.266696
48	1818923	1849780	10169645	9.259814	9.267120
49	1820639	1851585	10169974	9.260224	9.267544
50	1822355	1853390	10170302	9.260633	9.267967

M.	Sinus.	Tang.	Secant.	Lo. Sin.	Lo. Tan.
100	9848077	56712818	57587705	9.993351	10.753681
99	9847774	56654994	57530760	9.993338	10.753238
98	9847471	56597284	57473930	9.993325	10.752795
97	9847167	56539689	57417213	9.993311	10.752353
96	9846863	56482207	57360611	9.993298	10.751911
95	9846558	56424838	57304121	9.993284	10.751470
94	9846253	56367582	57247744	9.993271	10.751029
93	9845948	56310438	57191480	9.993257	10.750589
92	9845643	56253407	57135328	9.993244	10.750149
91	9845338	56196487	57079288	9.993230	10.749709
90	9845032	56139679	57023360	9.993217	10.749270
89	9844725	56082983	56967543	9.993203	10.748831
88	9844419	56026397	56911837	9.993190	10.748392
87	9844112	55969922	56856241	9.993176	10.747955
86	9843805	55913557	56800755	9.993163	10.747517
85	9843497	55857301	56745380	9.993149	10.747080
84	9843190	55801156	56690114	9.993136	10.746643
83	9842882	55745120	56634957	9.993122	10.746207
82	9842573	55689192	56579909	9.993108	10.745771
81	9842265	55633374	56524970	9.993095	10.745335
80	9841956	55577663	56470139	9.993081	10.744900
79	9841647	55522061	56415417	9.993068	10.744465
78	9841337	55466566	56360801	9.993054	10.744031
77	9841027	55411178	56306294	9.993040	10.743597
76	9840717	55355898	56251893	9.993027	10.743164
75	9840407	55300724	56197599	9.993013	10.742731
74	9840096	55245657	56143411	9.992999	10.742298
73	9839785	55190696	56089330	9.992985	10.741866
72	9839474	55135840	56035354	9.992972	10.741434
71	9839162	55081090	55981484	9.992958	10.741002
70	9838850	55026445	55927719	9.992944	10.740571
69	9838538	54971906	55874058	9.992930	10.740141
68	9838225	54917470	55820503	9.992917	10.739710
67	9837913	54863139	55767051	9.992903	10.739280
66	9837600	54808912	55713704	9.992889	10.738851
65	9837286	54754788	55660460	9.992875	10.738422
64	9836972	54700768	55607320	9.992861	10 737993
63	9836658	54646851	55554283	9.992847	10.737565
62	9836344	54593037	55501348	9.992834	10.737137
61	9836029	54539325	55448516	9.992820	10.736710
60	9835715	44485715	55395786	9.992806	10.736282
59	9835399	54432207	55343158	9.992792	10.735856
58	9835084	54378801	55290632	9.992778	10.735429
57	9834768	54325496	55238207	9.992764	10.735003
56	9834452	54272291	55185882	9.992750	10.734578
55	9834135	54219188	55133659	9.992736	10.734153
54	9833819	54166185	55081536	9.992722	10.733728
53	9833502	54113282	55029513	9.992708	10.733304
52	9833184	54060479	54977590	9.992694	10.732880
51	9832867	54007776	54925767	9.992680	10.732456
50	9832549	53955171	54874042	9.992666	10.732033

M	Sinus.	Tang	Secant.	Lo. Sin.	Lo. Tan.
50	1822355	1853390	10170302	9.260633	9.267967
51	1824071	1855196	10170532	9.261042	9.268390
52	1825787	1857001	10170761	9.261450	9.268812
53	1827503	1858807	10171231	9.261858	9.269234
54	1829219	1860612	10171621	9.262226	9.269656
55	1830935	1862418	10171952	9.262573	9.270077
56	1832651	1864224	10172282	9.263080	9.270498
57	1834366	1866030	10172613	9.263486	9.270918
58	1836082	1867836	10172945	9.263892	9.271339
59	1837798	1869643	10173277	9.264298	9.271758
60	1839513	1871449	10173609	9.264703	9.272178
61	1841229	1873255	10173941	9.265108	9.272597
62	1842944	1875062	10174274	9.265512	9.273015
63	1844660	1876869	10174607	9.265916	9.273434
64	1846375	1878676	10174941	9.266320	9.273852
65	1848090	1880483	10175275	9.266723	9.274269
66	1849805	1882290	10175609	9.267126	9.274686
67	1851521	1884097	10175943	9.267528	9.275103
68	1853236	1885904	10176278	9.267931	9.275519
69	1854951	1887712	10176613	9.268332	9.275936
70	1856666	1889519	10176948	9.268734	9.276351
71	1858381	1891327	10177284	9.269135	9.276766
72	1860096	1893135	10177620	9.269535	9.277182
73	1861811	1894943	10177957	9.269935	9.277596
74	1863525	1896751	10178294	9.270335	9.278010
75	1865240	1898559	10178631	9.270735	9.278424
76	1866955	1900367	10178968	9.271134	9.278837
77	1868669	1902176	10179306	9.271532	9.279251
78	1870384	1903984	10179644	9.271931	9.279663
79	1872099	1905793	10179983	9.272329	9.280076
80	1873813	1907602	10180321	9.272725	9.280488
81	1875527	1909411	10180660	9.273123	9.280899
82	1877242	1911220	10181000	9.273520	9.281310
83	1878956	1913029	10181340	9.273916	9.281721
84	1880670	1914838	10181680	9.274312	9.282132
85	1882384	1916648	10182020	9.274708	9.282542
86	1884098	1918457	10182361	9.275103	9.282952
87	1885812	1920267	10182702	9.275498	9.283361
88	1887526	1922076	10183043	9.275893	9.283770
89	1889240	1923886	10183385	9.276287	9.284179
90	1890954	1925696	10183727	9.276681	9.284586
91	1892668	1927506	10184070	9.177074	9.284996
92	1894382	1929317	10184413	9.277467	9.285403
93	1896095	1931127	10184756	9.277860	9.285811
94	1897809	1932937	10185099	9.278252	9.286218
95	1899523	1934748	10185443	9.278644	9.286624
96	1901236	1936559	10185787	9.279036	9.287031
97	1902950	1938370	10186131	9.279427	9.287436
98	1904663	1940181	10186476	9.279818	9.287842
99	1906376	1941992	10186821	9.280209	9.288247
	1908090	1943803	10187167	9.280599	9.288652

M	Sinus.	Tangen.	Secant.	Lo. Sin.	Log. Tan
50	9832549	53955171	54874042	9.992666	10.732933
49	9832231	53902666	54822417	9.992652	10.732810
48	9831912	53850260	54770891	9.992638	10.731168
47	9831593	53797952	54719463	9.992624	10.730766
46	9831274	53745742	54668133	9.992610	10.730344
45	9830955	53693630	54616901	9.992596	10.729923
44	9830635	53641615	54565766	9.992581	10.729502
43	9830315	53589698	54514729	9.992567	10.729081
42	9829995	53537878	54463789	9.992553	10.728661
41	9829674	53486154	54412946	9.992539	10.728241
40	9829353	53434527	54362199	9.992525	10.727822
39	9829032	53382996	54311549	9.992511	10.727403
38	9828711	53331562	54260994	9.992496	10.726984
37	9828389	53280222	54210535	9.992482	10.726566
36	9828067	53228979	54160171	9.992468	10.726148
35	9827744	53177830	54109903	9.992454	10.725730
34	9827422	53126776	54059730	9.992439	10.725313
33	9827099	53075817	54009651	9.992425	10.724896
32	9826775	53024952	53959666	9.992411	10.724480
31	9826452	52974181	53909775	9.992397	10.724064
30	9826128	52923504	53859979	9.992382	10.723648
29	9825804	52872921	53810276	9.992368	10.723233
28	9825479	52822431	53760666	9.992354	10.722818
27	9825154	52772033	53711149	9.992339	10.722404
26	9824829	52721729	53661725	9.992325	10.721990
25	9824504	52671517	53612393	9.992310	10.721576
24	9824178	52621397	53563154	9.992296	10.721162
23	9823852	52571370	53514007	9.992282	10.720749
22	9823526	52521434	53464951	9.992268	10.720336
21	9823199	52471589	53415987	9.992253	10.719923
20	9822872	52421836	53367114	9.992238	10.719512
19	9822545	52372173	53318332	9.992224	10.719100
18	9822218	52322601	53269641	9.992209	10.718688
17	9821890	52273120	53221040	9.992195	10.718278
16	9821562	52223729	53172530	9.992180	10.717868
15	9821233	52174428	53124109	9.992166	10.717457
14	9820905	52125217	53075778	9.992151	10.717047
13	9820576	52076095	53027537	9.992137	10.716638
12	9820246	52027062	52979385	9.992122	10.716229
11	9819917	51978118	52931322	9.992108	10.715821
10	9819587	51929264	52883347	9.992093	10.715412
9	9819256	51880497	52835461	9.992078	10.715004
8	9818926	51831819	52787664	9.992064	10.714596
7	9818595	51783228	52739954	9.992049	10.714188
6	9818264	51734728	52692332	9.992035	10.713780
5	9817933	51686311	52644798	9.992020	10.713373
4	9817601	51637983	52597351	9.992005	10.712966
3	9817269	51589742	52549991	9.991991	10.712559
2	9816937	51541588	52502718	9.991976	10.712152
1	7816605	51493521	52455531	9.991961	10.711745
0	9816272	51445540	52408430	9.991946	10.711338

M	Sinus.	Tang.	Secant.	Lo. Sin.	Lo. Tan.
0	1903090	1943803	10187167	9.280599	9.288652
1	1909803	1945614	10187513	9.280988	9.289057
2	1911516	1947425	10187859	9.281378	9.289461
3	1913229	1949237	10188205	9.281767	9.289865
4	1914942	1951049	10188552	9.282156	9.290268
5	1916655	1952861	10188899	9.282544	9.290671
6	1918368	1954673	10189246	9.282932	9.291074
7	1920081	1956485	10.89594	9.283319	9.291476
8	1921794	1958297	10189942	9.283706	9.291879
9	1923507	1960109	10190291	9.284094	9.292280
10	1925219	1961921	10190639	9.284480	9.292682
11	1926932	1963734	10190,89	9.284866	9.293083
12	1928645	1965547	10191338	9.285252	9.293483
13	1930357	1967360	10191688	9.285638	9.293884
14	1932070	1969173	10192038	9.286023	9.294284
15	1933782	1970986	10192388	9.286407	9.294683
16	1935494	1972799	10192739	9.286792	9.295083
17	1937207	1974612	10193090	9.287176	9.295482
18	1938919	1976426	10193442	9.287560	9.295880
19	1940631	1978239	10193794	9.287943	9.296279
20	1942343	1980053	10194146	9.288326	9.296677
21	1944055	1981867	10194498	9.288708	9.297074
22	1945767	1983681	10194851	9.289091	9.297472
23	1947479	1985495	10195204	9.289473	9.297869
24	1949191	1987309	10195558	9.289854	9.298265
25	1950903	1989123	10195911	9.290236	9.298662
26	1952615	1990938	10196266	9.290616	9.299057
27	1954326	1992752	10196620	9.290997	9.299453
28	1956038	1994567	10196975	9.291377	9.299849
29	1957750	1996382	10197330	9.291757	9.300243
30	1959461	1998197	10197685	9.292137	9.300638
31	1961173	2000012	10198041	9.292516	9.301032
32	1962884	2001827	10198397	9.292895	9.301426
33	1964595	2003643	10198754	9.293273	9.301820
34	1966307	2005458	10199111	9.293651	9.302213
35	1968018	2007273	10199469	9.294029	9.302606
36	1969729	2009089	10199825	9.294406	9.302999
37	1971440	2010905	10200184	9.294783	9.303391
38	1973151	2012721	10200541	9.295160	9.303783
39	1974862	2014537	10200900	9.295537	9.304175
40	1976573	2016353	10201259	9.295913	9.304567
41	1978284	2018170	10201618	9.296288	9.304958
42	1979995	2019986	10201977	9.296664	9.305348
43	1981706	2021803	10202337	9.297039	9.305739
44	1983416	2023619	10202697	9.297414	9.306129
45	1985127	2025437	10203058	9.297788	9.306518
46	1986837	2027254	10203419	9.298162	9.306908
47	1988548	2029071	10203737	9.298536	9.307297
48	1990258	2030888	10204141	9.298909	9.307686
49	1991969	2032705	10204503	9.299282	9.308074
50	1993679	2034523	10204865	9.299655	9.308462

M.	Sinus.	Tangen.	Secant.	Lo. Sin.	Lo. Tan.
100	9816272	51445540	52408430	9.991946	10.711348
99	9815938	51397645	52361416	9.991932	10.710943
98	9815605	51349836	52314488	9.991917	10 710539
97	9815271	51302112	52267645	9.991902	10.710135
96	9814937	51354474	52220883	9.991887	10.709732
95	9814603	51206921	52174216	9.991873	10.709328
94	9814268	51159453	52127629	9.991858	10.708926
93	9813933	51112070	52081126	9.991843	10.708523
92	9813598	51064771	52034708	9.991828	10.708121
91	9813262	51017556	51988374	9.991813	10.707719
90	9812926	50970426	51942125	9.991798	10.707318
89	9812590	50923379	51895959	9.991783	10.706917
88	9812254	50876416	51849876	9.991769	10.706516
87	9811917	50829536	51803878	9.991754	10.706116
86	9811580	50782739	51757961	9.991739	10.705716
85	9811243	50736025	51712125	9.991724	10.705316
84	9810905	50689393	51666378	9.991709	10.704917
83	9810567	50642845	51620710	9.991694	10.704518
82	9810229	50596378	51575124	9.991679	10.704119
81	9809890	50549993	51529621	9.991664	10.703721
80	9809551	50503690	51484199	9.991649	10.703323
79	9809212	50457469	51438859	9.991634	10.702925
78	9808873	50411329	51393600	9.991619	10.702528
77	9808533	50365270	51348422	9.991604	10.702131
76	9808193	50319292	51303325	9.991589	10.701734
75	9807853	50273394	51258309	9.991574	10.701338
74	9807512	50227578	51213373	9.991559	10.700942
73	9807171	50181841	51168518	9.991544	10.700548
72	9806830	50136185	51123742	9.991528	10.700151
71	9806488	50090608	51079047	9.991513	10.699756
70	9806146	50045111	51034431	9.991498	10.699361
69	9805804	49999693	50989894	9.991483	10.698967
68	9805462	49954355	50945437	9.991468	10.698573
67	9805119	49909095	50901059	9.991453	10.698180
66	9804776	49863915	50856760	9.991437	10.697786
65	9804433	49818813	50812538	9.991422	10.697393
64	9804089	49773789	50768396	9.991407	10.697001
63	9803745	49728843	50724332	9.991392	10.696608
62	9803401	49683976	50680346	9.991377	10.696216
61	9803056	49639186	50636437	9.991361	10.695824
60	9802712	49594473	50592606	9.991346	10.695433
59	9802366	49549838	50548852	9.991331	10.695042
58	9802021	49505280	50505176	9.991315	10.694651
57	9801675	49460800	50461576	9.991300	10.694261
56	9801329	49416395	50418054	9.991285	10.693871
55	9800983	49372068	50374607	9.991269	10.693481
54	9800636	49327816	50331237	9.991254	10.69 092
53	9800289	49283641	50287944	9.991239	10.692703
52	9799942	49239541	50244726	9.991223	10.692314
51	9799595	49195518	50201584	9.991208	10.691925
50	9799247	49151570	50158517	9.991193	10.691537

M	Sinus.	Tang.	Secant.	Lo. Sin.	Lo. Tan.
50	1993679	2034523	10204865	9.299855	9.308462
51	1995389	2036340	10205223	9.300028	9.308050
52	1997100	2038158	10205591	9.300400	9.309238
53	1998810	2039976	10205954	9.300771	9.309625
54	2000520	2041794	10206318	9.301143	9.310012
55	2002230	2043612	10206682	9.301514	9.310398
56	2003940	2045431	10207046	9.301885	9.310785
57	2005650	2047249	10207410	9.302255	9.311171
58	2007360	2049068	10207775	9.302625	9.311556
59	2009069	2050886	10208140	9.302995	9.311941
60	2010779	2052705	10208505	9.303364	9.312326
61	2012489	2054524	10208872	9.303733	9.312711
62	2014198	2056343	10209238	9.304102	9.313095
63	2015908	2058162	10209605	9.304471	9.313479
64	2017617	2059981	10209972	9.304839	9.313863
65	2019327	2061861	10210339	9.305206	9.314247
66	2021036	2063621	10210706	9.305574	9.314630
67	2022745	2065440	10211074	9.305941	9.315012
68	2024454	2067270	10211443	9.306308	9.315395
69	2026164	2069080	10211811	9.306674	9.315777
70	2027873	2070900	10212180	9.307041	9.316159
71	2029582	2072720	10212549	9.307406	9.316541
72	2031291	2074541	10212919	9.307772	9.316922
73	2033000	2076361	10213289	9.308137	9.317303
74	2034709	2078182	10213659	9.308502	9.317683
75	2036417	2080003	10214030	9.308866	9.318064
76	2038126	2081824	10214401	9.309231	9.318444
77	2039835	2083645	10214772	9.309595	9.318824
78	2041543	2085466	10215114	9.309958	9.319203
79	2043252	2087287	10215516	9.310322	9.319582
80	2044960	2089109	10215888	9.310685	9.319961
81	2046669	2090930	10216261	9.311047	9.320339
82	2048377	2092752	10216634	9.311410	9.320718
83	2050085	2094574	10217007	9.311772	9.322095
84	2051794	2096396	10217381	9.312134	9.321473
85	2053502	2098218	10217755	9.312495	9.321850
86	2055210	2100040	10218127	9.312856	9.322227
87	2056918	2101862	10218504	9.313217	9.322604
88	2058626	2103685	10218879	9.313577	9.322981
89	2060334	2105503	10219254	9.313937	9.323357
90	2062042	2107330	10219630	9.314297	9.323732
91	2063749	2109153	10220006	9.314657	9.324108
92	2065457	2110976	10220382	9.315016	9.324483
93	2067165	2112799	10220759	9.315375	9.324858
94	2068872	2114623	10221136	9.315734	9.325233
95	2070580	2116446	10221514	9.316092	9.325607
96	2072287	2118270	10221891	9.316450	9.325981
97	2073995	2120093	10222269	9.316808	9.326355
98	2075702	2121917	10222648	9.317165	9.326728
99	2077409	2123741	10223027	9.317522	9.327101
	2079117	2125565	10223406	9.317879	9.327474

M.	Sinns.	Tangen.	Secant.	Lo. Sin.	Log. Tan
50	9769247	49151570	50158517	9.991193	10.691537
49	9768898	49107697	50115526	9.991177	10.691149
48	9768550	49063900	50072610	9.991161	10.690762
47	9768202	49020177	50029769	9.991146	10.690375
46	9767853	48976529	49987003	9.991131	10.689989
45	9767503	48922956	49944311	9.991115	10.689601
44	9767154	48889457	49901694	9.991101	10.689215
43	9766804	48846032	49859150	9.991084	10.688829
42	9766454	48802681	49816681	9.991069	10.688443
41	9766103	48759405	49774286	9.991053	10.688058
40	9765752	48716201	49731964	9.991037	10.687673
39	9765401	48673071	49689716	9.991022	10.687289
38	9765050	48630014	49647541	9.991006	10.686904
37	9764698	48587031	49605439	9.990991	10.686520
36	9764346	48544119	49563409	9.990975	10.686136
35	9763994	48501281	49521453	9.990960	10.685753
34	9763641	48458516	49479569	9.990944	10.685370
33	9763288	48415822	49437757	9.990928	10.684987
32	9762935	48373201	49396017	9.990913	10.684605
31	9762582	48330651	49354350	9.990897	10.684222
30	9762228	48288173	49312753	9.990881	10.683841
29	9761874	48245767	49271229	9.990866	10.683459
28	9761519	48203432	49229776	9.990850	10.683076
27	9761165	48161168	49188394	9.990834	10.682697
26	9760810	48118976	49147084	9.990818	10.682316
25	9760453	48076854	49105843	9.990803	10.681936
24	9760099	48034802	49064674	9.990787	10.681556
23	9759743	47992822	49023575	9.990771	10.681176
22	9759387	47950911	48982547	9.990755	10.680797
21	9759030	47909071	48941588	9.990739	10.680418
20	9758674	47867300	48900699	9.990724	10.680039
19	9758317	47825599	48859881	9.990708	10.679660
18	9757959	47783968	48819131	9.990692	10.679282
17	9757602	47742406	48778451	9.990676	10.678904
16	9757244	47700913	48737841	9.990660	10.678526
15	9756885	47659490	48697299	9.990644	10.678149
14	9756527	47618135	48656826	9.990628	10.677772
13	9756168	47576849	48616422	9.990612	10.677395
12	9755809	47535631	48576087	9.990597	10.677019
11	9755449	47494482	48535820	9.990581	10.676643
10	9755090	47453401	48495621	9.990565	10.676267
9	9754730	47412387	48455490	9.990549	10.675891
8	9754369	47371442	48415427	9.990533	10.675516
7	9754009	47330564	48375431	9.990517	10.675141
6	9753648	47289754	48335503	9.990501	10.674767
5	9753286	47249011	48295642	9.990485	10.674393
4	9752925	47208336	48255849	9.990469	10.674018
3	9752563	47167727	48216122	9.990452	10.673645
2	9752201	47127185	48176463	9.990436	10.673271
1	9751839	47086709	48136875	9.990420	10.672898
0	9751476	47046301	48097343	9.990404	10.672525

M	Sinus.	Tang.	Secant.	Lo. Sin.	Lo Tan.
0	2079117	2125565	10223406	9.317879	9.327477
1	2080824	2127390	10223785	9.318235	9.327847
2	2082531	2129214	10224165	9.318591	9.328219
3	2084238	2131039	10224545	9.318947	9.328591
4	2085945	2132863	10224926	9.319303	9.328963
5	2087652	2134688	10225306	9.319658	9.329334
6	2089359	2136515	10225687	9.320013	9.329705
7	2091065	2138338	10226069	9.320367	9.330076
8	2092772	2140163	10226451	9.320722	9.330447
9	2094479	2141989	10226833	9.321076	9.330817
10	2096185	2143814	10227215	9.321430	9.331187
11	2097892	2145640	10227598	9.321783	9.331557
12	2099598	2147465	10227981	9.322136	9.331926
13	2101305	2149291	10228365	9.322489	9.332295
14	2103011	2151117	10228749	9.322841	9.332664
15	2104717	2152943	10229133	9.323194	9.333032
16	2106424	2154770	10229518	9.323546	9.333401
17	2108130	2156596	10229902	9.323897	9.333769
18	2109836	2158422	10230288	9.324249	9.334136
19	2111542	2160249	10230673	9.324600	9.334504
20	2113248	2162076	10231059	9.324950	9.334871
21	2114954	2163903	10231445	9.325301	9.335238
22	2116659	2165730	10231832	9.325651	9.335604
23	2118365	2167558	10232219	9.326001	9.335971
24	2120071	2169385	10232606	9.326350	9.336336
25	2121777	2171213	10232994	9.326699	9.336702
26	2123482	2173040	10233382	9.327048	9.337066
27	2125188	2174868	10233770	9.327397	9.337433
28	2126893	2176696	10234159	9.327745	9.337796
29	2128598	2178524	10234546	9.328094	9.338162
30	2130304	2180353	10234937	9.328441	9.338527
31	2132009	2182181	10235327	9.328789	9.338891
32	2133714	2184009	10235717	9.329136	9.339254
33	2135419	2185838	10236108	9.329483	9.339615
34	2137124	2187667	10236498	9.329830	9.339981
35	2138829	2189496	10236889	9.330176	9.340344
36	2140534	2191325	10237280	9.330522	9.340707
37	2142239	2193154	10237672	9.330868	9.341069
38	2143944	2194983	10238064	9.331213	9.341431
39	2145648	2196812	10238456	9.331558	9.341793
40	2147354	2198642	10238849	9.331903	9.342154
41	2149058	2200472	10239242	9.332248	9.342516
42	2150762	2202302	10239635	9.332592	9.342877
43	2152467	2204132	10240029	9.332936	9.343237
44	2154171	2205962	10240423	9.333280	9.343598
45	2155875	2207793	10240818	9.333623	9.343958
46	2157579	2209623	10241212	9.333967	9.344318
47	2159284	2211454	10241608	9.334310	9.344678
48	2160988	2213284	10242003	9.334652	9.345037
49	2162692	2215115	10242399	9.334995	9.345396
50	2164396	2216946	10242795	9.335337	9.345755

M.	Sinus.	Tangen.	Secant.	Lo. Sin.	Lo. Tan.
100	9781476	47046301	48097343	9.990404	10.672525
99	9781113	47025958	48057883	9.990388	10.672153
98	9780749	46965682	48018489	9.990372	10.671780
97	9780386	46925471	47979161	9.990356	10.671408
96	9780022	46885327	47939899	9.990340	10.671037
95	9779658	46845248	47900702	9.990323	10.670665
94	9779293	46805235	47861571	9.990307	10.670294
93	9778928	46765286	47822505	9.990291	10.669923
92	9778563	46725403	47783505	9.990275	10.669553
91	9778198	46685585	47744569	9.990259	10.669183
90	9777832	46645832	47705698	9.990242	10.668813
89	9777466	46606144	47666892	9.990226	10.668443
88	9777100	46566520	47628151	9.990210	10.668074
87	9776733	46526960	47589474	9.990194	10.667704
86	9776366	46467465	47550861	9.990177	10.667336
85	9775999	46448033	47512312	9.990161	10.666967
84	9775631	46408666	47473827	9.990145	10.666599
83	9775264	46369362	47435406	9.990128	10.666231
82	9774896	46330122	47397048	9.990112	10.665863
81	9774527	46290945	47358754	9.990096	10.665496
80	9774159	46251832	47320523	9.990079	10.665129
79	9773790	46212781	47282356	9.990063	10.664762
78	9773420	46173794	47244251	9.990046	10.664395
77	9773051	46134869	47206209	9.990030	10.664029
76	9772681	46096007	47168229	9.990014	10.663663
75	9772311	46057207	47130312	9.989997	10.663297
74	9771940	46018470	47092458	9.989981	10.662932
73	9771570	45979795	47054665	9.989964	10.662567
72	9771199	45941182	47016935	9.989948	10.662202
71	9770827	45902631	46979267	9.989931	10.661837
70	9770456	45864141	46941660	9.989915	10.661473
69	9770084	45825713	46904115	9.989898	10.661109
68	9769711	45787347	46866631	9.989881	10.660745
67	9769339	45749042	46829209	9.989865	10.660382
66	9768966	45710797	46791848	9.989848	10.660019
65	9768593	45672614	46754547	9.989832	10.659656
64	9768219	45634492	46717308	9.989815	10.659293
63	9767846	45596430	46680129	9.989799	10.658931
62	9767472	45558429	46643011	9.989782	10.658569
61	9767097	45520489	46605953	9.989765	10.658207
60	9766723	45482608	46568956	9.989749	10.657845
59	9766348	45444788	46532018	9.989732	10.657484
58	9765972	45407027	46495141	9.989715	10.657123
57	9765597	45369327	46458323	9.989699	10.656762
56	9765221	45331686	46421565	9.989682	10.656402
55	9764845	45294104	46384867	9.989665	10.656041
54	9764469	45256582	46348228	9.989648	10.655682
53	9764092	45219119	46311648	9.989632	10.655322
52	9763715	45181716	46275128	9.989615	10.654963
51	9763337	45144371	46238666	9.989598	10.654603
50	9762960	45107085	46202265	9.989581	10.654245

M	Sinus.	Tang.	Secant.	Lo. Sin.	Lo. Tan.
50	2164396	2216946	10242795	9.335337	9.345755
51	2166100	2218778	10243191	9.335678	9.346114
52	2167804	2220609	10243588	9.336019	9.346472
53	2169508	2222440	10243985	9.336361	9.346830
54	2171211	2224272	10244383	9.336702	9.347188
55	2172915	2226104	10244781	9.337043	9.347545
56	2174618	2227936	10245179	9.337383	9.347902
57	2176322	2229768	10245578	9.337723	9.348259
58	2178025	2231600	10245977	9.338063	9.348616
59	2179729	2233432	10246376	9.338402	9.348973
60	2181432	2235265	10246775	9.338741	9.349329
61	2183135	2237097	10247175	9.339081	9.349005
62	2184839	2238930	10247575	9.339419	9.350040
63	2186542	2240763	10247977	9.339778	9.350395
64	2188245	2242596	10248377	9.340096	9.350751
65	2189948	2244429	10248777	9.340434	9.351106
66	2191651	2246262	10249180	9.340771	9.351460
67	2193354	2248096	10249582	9.341109	9.351815
68	2195056	2249929	10249984	9.341446	9.352169
69	2196759	2251763	10250387	9.341782	9.352522
70	2198462	2253597	10250790	9.342119	9.352876
71	2200164	2255431	10251193	9.342455	9.353229
72	2201867	2257265	10251597	9.342791	9.353583
73	2203569	2259100	10252001	9.343127	9.353935
74	2205272	2260934	10252405	9.343462	9.354286
75	2206974	2262769	10252801	9.343797	9.354640
76	2208676	2264604	10253215	9.344132	9.354992
77	2210379	2266438	10253621	9.344467	9.355344
78	2212081	2268273	10254027	9.344801	9.355695
79	2213783	2270109	10254433	9.345135	9.356046
80	2215485	2271944	10254839	9.345469	9.356397
81	2217187	2273780	10255246	9.345802	9.356748
82	2218889	2275615	10255653	9.346135	9.357099
83	2220590	2277451	10256061	9.346468	9.357449
84	2222292	2279287	10256468	9.346801	9.357799
85	2223993	2281123	10256877	9.347133	9.358149
86	2225695	2282959	10257285	9.347466	9.358498
87	2227397	2284796	10257694	9.347797	9.358847
88	2229098	2286632	10258103	9.348129	9.359196
89	2230800	2288469	10258513	9.348460	9.359545
90	2232501	2290306	10258923	9.348791	9.359893
91	2234202	2292142	10259333	9.349122	9.360241
92	2235903	2293980	10259744	9.349453	9.360589
93	2237604	2295817	10260155	9.349783	9.360937
94	2239306	2297654	10260566	9.350113	9.361285
95	2241007	2299491	10260978	9.350443	9.361631
96	2242707	2301330	10261389	9.350772	9.361979
97	2244408	2303167	10261802	9.351101	9.362325
98	2246109	2305005	10262214	9.351431	9.362672
99	2247810	2306843	10262628	9.351759	9.363016
	2249510	2308682	10263041	9.352088	9.363364

M	Sinus.	Tangen.	Secant.	Lo. Sin.	Lo. Tan.
50	9762960	45107085	46202263	9.989581	10.654245
49	9762582	45069857	46165919	9.989565	10.653886
48	9762204	45032689	46129633	9.989548	10.653528
47	9761825	44995578	46093406	9.989531	10.653175
46	9761446	44958526	46057237	9.989514	10.652812
45	9761067	44921532	46021126	9.989497	10.652454
44	9760688	44884596	45985073	9.989480	10.652097
43	9760308	44847717	45949078	9.989463	10.651740
42	9759920	44810897	45913141	9.989446	10.651383
41	9759548	44774134	45877261	9.989430	10.651027
40	9759167	44737428	45841438	9.989413	10.650671
39	9758786	44700780	45805673	9.989396	10.650315
38	9758405	44664189	45769965	9.989379	10.649959
37	9758024	44627654	45734314	9.989362	10.649604
36	9757642	44591177	45698720	9.989345	10.649248
35	9757260	44554756	45663183	9.989328	10.648894
34	9756878	44518392	45627703	9.989311	10.648539
33	9756495	44482085	45592278	9.989294	10.648185
32	9756112	44445833	45556911	9.989277	10.647831
31	9755720	44409638	45521599	9.989260	10.647477
30	9755345	44373499	45486343	9.989242	10.647123
29	9754961	44337416	45451144	9.989225	10.646770
28	9754577	44301389	45416000	9.989208	10.646417
27	9754193	44265417	45380912	9.989191	10.646064
26	9753808	44229501	45345880	9.989174	10.645712
25	9753423	44193641	45310902	9.989157	10.645360
24	9753037	44157835	45275981	9.989140	10.645008
23	9752652	44122085	45241114	9.989123	10.644656
22	9752266	44086390	45206302	9.989105	10.644304
21	9751880	44050750	45171546	9.989088	10.643953
20	9751493	44015164	45136844	9.989071	10.643602
19	9751107	43979633	45102197	9.989054	10.643251
18	9750710	43944157	45067604	9.989036	10.642901
17	9750322	43908735	45033066	9.989019	10.642551
16	9749944	43873367	44998582	9.989002	10.642201
15	9749556	43838053	44964152	9.988985	10.641851
14	9749168	43802794	44929776	9.988967	10.641502
13	9748779	43767588	44895454	9.988950	10.641152
12	9748390	43732436	44861185	9.988933	10.640803
11	9748001	43697338	44826971	9.988915	10.640455
10	9747611	43662293	44792810	9.988898	10.640106
9	9747222	43627301	44758702	9.988881	10.639758
8	9746832	43592363	44724647	9.988863	10.639410
7	9746441	43557478	44690646	9.988846	10.639063
6	9746051	43522645	44656698	9.988828	10.638715
5	9745660	43487866	44622802	9.988811	10.638367
4	9745268	43453140	44588960	9.988793	10.638021
3	9744877	43418466	44555170	9.988776	10.637674
2	9744485	43383844	44521432	9.988759	10.637328
1	9744093	43349275	44487747	9.988741	10.636982
0	9743700	43314759	44454115	9.988724	10.636636

M	Sinus.	Tang.	Secant.	Lo. Sin.	Lo Tan.
0	2249510	2308582	10263041	9.352088	9.363364
1	2251211	2310520	10263455	9.352410	9.363710
2	2252911	2312459	10263869	9.352744	9.364055
3	2254612	2314397	10264283	9.353072	9.364400
4	2256312	2316036	10264698	9.353399	9.364745
5	2258012	2317875	10265113	9.353726	9.365090
6	2259713	2319715	10265528	9.354053	9.365434
7	2261413	2321554	10265944	9.354380	9.365779
8	2263113	2323393	10266360	9.354706	9.366123
9	2264813	2325233	10266777	9.355032	9.366466
10	2266513	2327073	10267194	9.355358	9.366810
11	2268213	2328913	10267611	9.355684	9.367153
12	2269913	2330753	10268028	9.356009	9.367496
13	2271612	2332593	10268446	9.356334	9.367839
14	2273312	2334433	10268864	9.356659	9.368181
15	2275012	2336274	10269283	9.356983	9.368524
16	2276711	2338114	10269702	9.357308	9.368866
17	2278411	2339955	10270121	9.357632	9.369207
18	2280110	2341796	10270541	9.357956	9.369549
19	2281809	2343637	10270961	9.358279	9.369890
20	2283509	2345479	10271381	9.358603	9.370231
21	2285208	2347320	10271802	9.358926	9.370572
22	2286907	2349162	10272223	9.359248	9.370913
23	2288606	2351003	10272644	9.359571	9.371253
24	2290305	2352845	10273066	9.359893	9.371593
25	2292004	2354687	10273488	9.360215	9.371933
26	2293703	2356529	10273910	9.360537	9.372273
27	2295401	2358372	10274333	9.360858	9.372612
28	2297100	2360214	10274756	9.361180	9.372952
29	2298798	2362057	10275179	9.361501	9.373290
30	2300497	2363900	10275603	9.361822	9.373629
31	2302196	2365743	10276027	9.362142	9.373967
32	2303894	2367586	10276452	9.362462	9.374306
33	2305592	2369429	10276876	9.362782	9.374644
34	2307291	2371272	10277302	9.363102	9.374981
35	2308989	2373116	10277727	9.363422	9.375319
36	2310687	2374960	10278153	9.363741	9.375656
37	2312385	2376803	10278579	9.364060	9.375993
38	2314083	2378647	10279006	9.364379	9.376330
39	2315781	2380492	10279433	9.364697	9.376666
40	2317479	2382336	10279860	9.365016	9.377003
41	2319177	2384180	10280288	9.365334	9.377339
42	2320874	2386025	10280716	9.365651	9.377675
43	2322572	2387870	10281144	9.365969	9.378010
44	2324270	2389715	10281572	9.366286	9.378346
45	2325967	2391560	10282001	9.366603	9.378681
46	2327664	2393405	10282431	9.366920	9.379016
47	2329362	2395250	10282861	9.367237	9.379351
48	2331059	2397096	10283291	9.367553	9.379685
49	2332756	2398942	10283721	9.367870	9.380020
50	2334453	2400787	10284152	9.368185	9.380354

M.	Sinus.	Tangen.	Secant.	Lo. Sin.	Lo. Tan.
100	9743700	43314758	44454115	9.988724	10.636636
99	9743308	43280294	44420534	9.988706	10.636290
98	9742915	43245881	44387005	9.988689	10.635945
97	9742521	43211521	44353529	9.988671	10.635599
96	9742128	43177212	44320104	9.988654	10.635254
95	9741734	43142955	44286731	9.988636	10.634910
94	9741339	43108749	44253409	9.988618	10.634565
93	9740945	43074595	44220139	9.988601	10.634221
92	9740550	43040492	44186921	9.988583	10.633877
91	9740155	43006440	44153753	9.988566	10.633533
90	9739759	42972440	44120637	9.988548	10.633190
89	9739364	42938490	44087571	9.988530	10.6328 7
88	9738968	42904591	44054556	9.988513	10.632504
87	9738571	42870743	44021593	9.988495	10.632161
86	9738175	42836946	43988679	9.988477	10.631818
85	9737778	42803199	43955817	9.988460	10.631476
84	9737381	42769502	43923004	9.988442	10.631134
83	9736983	42735856	43890242	9.988424	10.630792
82	9736585	42702260	43857530	9.988406	10.630451
81	9736187	42668714	43824869	9.988389	10.630109
80	9735789	42635217	43792257	9.988371	10.629768
79	9735390	42601771	43759695	9.988353	10.629427
78	9734991	42568374	43727183	9.988335	10.62 087
77	9734592	42535027	43694720	9.988318	10.62874
76	9734192	42501730	43662307	9.988300	10.628406
75	9733792	42468481	43629941	9.988282	10.628067
74	9733392	42435282	43597628	9.988264	10.627727
73	9732992	42402133	43565362	9.988246	10.62738
72	9732591	42368932	43533147	9.988228	10.627048
71	9732190	42335980	43500979	9.988210	10.62670
70	9731789	42302977	43468861	9.988192	10.626371
69	9731387	42270022	43436791	9.988175	10.626032
68	9730985	42237117	43404769	9.988157	10.625694
67	9730583	42204259	43372797	9.988139	10.62535
66	9730180	42171450	43340872	9.988121	10.625018
65	9729777	42138690	43308996	9.988103	10.624681
64	9729374	42105977	43277168	9.988085	10.624344
63	9728971	42073313	43245388	9.988067	10.62 007
62	9728567	42040695	43213657	9.988049	10.623670
61	9728163	42008127	43181973	9.988031	10.623333
60	9727759	41975606	43150336	9.988013	10.622997
59	9727354	41943133	43118748	9.987995	10.622661
58	9726949	41910707	43087206	9.987976	10.622325
57	9726544	41878328	43055713	9.987958	10.621989
56	9726138	41845997	43024266	9.987940	10.621654
55	9725732	41813712	42992867	9.987922	10.62 319
54	9725326	41781476	42961515	9.987904	10.620984
53	9624920	41749287	42930210	9.987886	10.620649
52	9724513	41717143	42898952	9.987868	10.620315
51	9724106	41685047	42867740	9.987850	10.619980
50	9723699	41652998	42836575	9.987831	10.619646

M	Sinus.	Tang	Secant.	Lo. Sin.	Lo. Tan.
50	2334453	2400777	10254152	9.368185	9.380354
51	2336151	2402533	10284583	9.368501	9.380587
52	2337848	2404290	10285014	9.368816	9.381021
53	2339544	2406046	10285446	9.369131	9.381354
54	2341241	2407802	10285878	9.369446	9.381687
55	2342938	2409559	10286311	9.369761	9.382020
56	2344635	2411866	10286744	9.370075	9.382353
57	2346331	2413073	10287177	9.370389	9.382685
58	2348028	2415560	10287610	9.370703	9.383018
59	2349725	2417427	10288044	9.371017	9.383350
60	2351421	2419254	10288476	9.371330	9.383681
61	2353117	2421102	10288913	9.371643	9.384013
62	2354814	2422950	10289348	9.371956	9.384344
63	2356510	2424798	10289783	9.372269	9.384675
64	2358206	2426646	10290219	9.372582	9.385006
65	2359902	2428493	10290655	9.372894	9.385337
66	2361598	2430342	10291091	9.373206	9.385667
67	2363294	2432191	10291528	9.373418	9.385997
68	2364990	2434039	10291965	9.373829	9.386327
69	2366686	2435888	10292402	9.374140	9.386657
70	2368381	2437737	10292840	9.374451	9.386987
71	2370077	2439586	10293278	9.374762	9.387316
72	2371772	2441435	10293717	9.375037	9.387645
73	2373468	2443285	10294156	9.375383	9.387974
74	2375163	2445134	10294595	9.375693	9.388302
75	2376859	2446984	10295034	9.376003	9.388631
76	2378554	2448834	10295474	9.376313	9.388959
77	2380249	2450684	10295914	9.376622	9.389287
78	2381944	2452534	10296355	9.376931	9.389615
79	2383639	2454385	10296796	9.377240	9.389942
80	2385334	2456235	10297237	9.377549	9.390270
81	2387029	2458086	10297679	9.377858	9.390597
82	2388724	2459937	10298121	9.378166	9.390924
83	2390419	2461788	10298563	9.378474	9.391250
84	2392114	2463639	10299006	9.378782	9.391577
85	2393808	2465491	10299449	9.379089	9.391903
86	2395503	2467342	10299892	9.379397	9.392229
87	2397197	2469194	10300336	9.379704	9.392555
88	2398892	2471045	10300780	9.380010	9.392881
89	2400586	2472897	10301224	9.380317	9.393206
90	2402280	2474750	10301669	9.380624	9.393531
91	2403974	2476602	10302114	9.380930	9.393856
92	2405669	2478454	10302560	9.381236	9.394181
93	2407363	2480307	10303005	9.381541	9.394505
94	2409057	2482160	10303452	9.381847	9.394830
95	2410750	2484013	10303898	9.382152	9.395154
96	2412444	2485866	10304345	9.382457	9.395478
97	2414138	2487720	10304792	9.382762	9.395801
98	2415832	2489572	10305240	9.383067	9.396125
99	2417525	2491426	10305688	9.383371	9.396448
	2419218	2493280	10306136	9.383675	9.396771

M	Sinus.	Tangen.	Secant.	Lo. Sin.	Lo. Tan.
50	9723699	41652998	42836575	9.987831	10.619646
49	9723291	41620994	42805457	9.987813	10.619312
48	9722884	41589038	42774386	9.987795	10.618979
47	9722475	41557127	42743360	9.987777	10.618645
46	9722067	41525263	42712381	9.987758	10.618312
45	9721658	41493446	42681449	9.987740	10.617979
44	9721249	41461674	42650562	9.987722	10.617647
43	9720840	41429948	42619721	9.987704	10.617314
42	9720430	41398268	42588926	9.987685	10.616982
41	9720020	41366634	42558177	9.987667	10.616650
40	9719610	41335046	42527473	9.987649	10.616318
39	9719199	41303503	42496815	9.987630	10.615987
38	9718788	41272005	42466203	9.987612	10.615655
37	9718377	41240553	42435636	9.987594	10.615324
36	9717966	41209146	42405114	9.987575	10.614993
35	9717554	41177784	42374637	9.987557	10.614663
34	9717142	41146467	42344206	9.987538	10.614332
33	9716730	41115195	42313819	9.987520	10.614002
32	9716317	41083968	42283477	9.987501	10.613672
31	9715904	41052786	42253180	9.987483	10.613342
30	9715491	41021648	42222928	9.987465	10.613013
29	9715077	40990555	42192720	9.987446	10.612684
28	9714664	40959507	42162557	9.987428	10.612355
27	9714250	40928503	42132438	9.987409	10.612026
26	9713835	40897543	42102363	9.987391	10.611697
25	9713420	40866627	42072333	9.987372	10.611369
24	9713006	40835755	42042346	9.987353	10.611040
23	9712590	40804927	42012404	9.987335	10.610712
22	9712175	40774143	41982506	9.987316	10.610385
21	9711759	40743403	41952651	9.987298	10.610057
20	9711343	40712707	41922840	9.987279	10.609730
19	9710926	40682054	41893073	9.987260	10.609403
18	9710509	40651445	41863349	9.987242	10.609076
17	9710092	40620879	41833668	9.987223	10.608749
16	9709675	40590357	41804031	9.987205	10.608423
15	9709257	40559876	41774437	9.987186	10.608096
14	9708839	40529441	41744887	9.987167	10.607770
13	9708421	40499047	41715379	9.987148	10.607445
12	9708003	40468697	41685914	9.987130	10.607119
11	9707584	40438390	41656492	9.987111	10.606794
10	9707165	40408125	41627113	9.987092	10.606469
9	9706745	40377903	41597777	9.987073	10.606144
8	9706325	40347723	41568483	9.987055	10.605819
7	9705905	40317586	41539231	9.987036	10.605494
6	9705485	40287492	41510023	9.987017	10.605170
5	9705065	40257440	41480856	9.986998	10.604846
4	9704644	40227429	41451732	9.986979	10.604522
3	9704222	40197461	41422650	9.986961	10.604198
2	9703801	40167535	41393609	9.986942	10.603875
1	9703379	40137651	41364611	9.986923	10.603552
0	9702957	40107809	41335655	9.986904	10.603225

M	Sinus.	Tang.	Secant.	Lo. Sin.	Lo. Tan.
0	2419219	2493280	10326136	9.383675	9.396771
1	2420912	2495134	10306585	9.383979	9.397093
2	2422606	2496988	10307034	9.384283	9.397416
3	2424299	2498842	10307483	9.384586	9.397738
4	2425992	2500696	10307933	9.384889	9.398061
5	2427685	2502551	10308383	9.385192	9.398383
6	2429378	2504406	10308833	9.385495	9.398705
7	2431071	2506261	10309284	9.385797	9.399026
8	2432764	2508116	10309735	9.386100	9.399347
9	2434457	2509971	10310187	9.386402	9.399669
10	2436150	2511826	10310639	9.386704	9.399989
11	2437843	2513682	10311091	9.387006	9.400310
12	2439535	2515537	10311543	9.387307	9.400631
13	2441228	2517393	10311996	9.387608	9.400951
14	2442920	2519249	10312449	9.387909	9.401271
15	2444613	2521105	10312903	9.388210	9.401591
16	2446305	2522962	10313357	9.388510	9.401911
17	2447997	2524818	10313811	9.388811	9.402230
18	2449690	2526675	10314266	9.389111	9.402549
19	2451382	2528532	10314721	9.389411	9.402868
20	2453074	2530389	10315176	9.389710	9.403187
21	2454766	2532246	10315632	9.390010	9.403506
22	2456458	2534103	10316088	9.390309	9.403824
23	2458149	2535961	10316545	9.390608	9.404142
24	2459841	2537818	10317001	9.390907	9.404460
25	2461533	2539676	10317459	9.391205	9.404778
26	2463224	2541534	10317916	9.391504	9.405096
27	2464916	2543392	10318374	9.391802	9.405413
28	2466607	2545251	10318832	9.392100	9.405730
29	2468299	2547109	10319291	9.392398	9.406047
30	2469990	2548968	10319750	9.392695	9.406364
31	2471681	2550827	10320209	9.392992	9.406681
32	2473372	2552686	10320669	9.393289	9.406997
33	2475063	2554545	10321129	9.393586	9.407313
34	2476754	2556404	10321589	9.393882	9.407629
35	2478445	2558264	10322050	9.394179	9.407945
36	2480136	2560123	10322511	9.394475	9.408261
37	2481827	2561983	10322972	9.394771	9.408576
38	2483518	2563843	10323434	9.395067	9.408891
39	2485208	2565703	10323896	9.395363	9.409206
40	2486899	2567563	10324359	9.395658	9.409521
41	2488589	2569424	10324821	9.397953	9.409836
42	2490280	2571285	10325285	9.396248	9.410150
43	2491970	2573145	10325748	9.396545	9.410464
44	2493660	2575006	10326212	9.396837	9.410778
45	2495350	2576867	10326676	9.397131	9.411092
46	2497040	2578729	10327141	9.397425	9.411405
47	2498730	2580590	10327606	9.397719	9.411719
48	2500420	2582452	10328071	9.398013	9.412032
49	2502110	2584314	10328537	9.398306	9.412345
50	2503800	2586176	10329003	9.398599	9.412658

M.	Sinus.	Tangen.	Secant.	Lo. Sin.	Log. Tan.
100	9702957	40107809	41335655	9.986904	10.603229
99	9702535	40078039	41306740	9.986886	10.602966
98	9702112	40048250	41277867	9.986866	10.602583
97	9701689	40018533	41249036	9.986847	10.602261
96	9701266	39988857	41220246	9.986828	10.601939
95	9700842	39959223	41191497	9.986809	10.601617
94	9700418	39929629	41162790	9.986790	10.601295
93	9699994	39900078	41134124	9.986771	10.600974
92	9699570	39870567	41105500	9.986752	10.600652
91	9699145	39841097	41076916	9.986733	10.600331
90	9698720	39811669	41048373	9.986714	10.600010
89	9698295	39782281	41019872	9.986695	10.599689
88	9697869	39752934	40991410	9.986676	10.599369
87	9697443	39723627	40962990	9.986657	10.599049
86	9697017	39694362	40934611	9.986638	10.598729
85	9696590	39665136	40906271	9.986619	10.598409
84	9696164	39635952	40877973	9.986599	10.598089
83	9695736	39606807	40849714	9.986581	10.597770
82	9695309	39577703	40821496	9.966561	10.597450
81	9694881	39548639	40793319	9.986542	10.597131
80	9694453	39519615	40765181	9.986523	10.596813
79	9694025	39490631	40737083	9.986504	10.596494
78	9693596	39461687	40709025	9.986485	10.596175
77	9693168	39432783	40681008	9.986466	10.595857
76	9692738	39403919	40653029	9.986446	10.595539
75	9692309	39375094	40625091	9.986427	10.595221
74	9691879	39346309	40597192	9.986408	10.594904
73	9691449	39317563	40569333	9.986389	10.594586
72	9691019	39288857	40541513	9.986369	10.594269
71	9690588	39260190	40513733	9.986350	10.593952
70	9690157	39231563	40485991	9.986331	10.593635
69	9689726	39202974	40458289	9.986311	10.593319
68	9689294	39174425	40430627	9.986292	10.593002
67	9688863	39145915	40403003	9.986273	10.592686
66	9688430	39117443	40375418	9.986253	10.592370
65	9687998	39089011	40347872	9.986234	10.592054
64	9687565	39060617	40320365	9.986214	10.591739
63	9687132	39032262	40292896	9.986195	10.591424
62	9686699	39003946	40265466	9.986176	10.591108
61	9686265	38975668	40238075	9.986156	10.590793
60	9685831	38947428	40210722	9.986137	10.590479
59	9685397	38919227	40183406	9.986117	10.590164
58	9684963	38891064	40156131	9.986098	10.589850
57	9684528	38862940	40128893	9.986078	10.589535
56	9684093	38834853	40101694	9.986058	10.589221
55	9683657	38806805	40074532	9.986039	10.588908
54	9683222	38778795	40047408	9.986020	10.588594
53	9682786	38750822	40020322	9.986000	10.588281
52	9682350	38722886	39993274	9.985981	10.587968
51	9681913	38694990	39966264	9.985961	10.587655
50	9681476	38667131	39939291	9.985941	10.587342

M	Sinus.	Tang.	Secant.	Lo. Sin.	Lo. Tan.
50	2503800	2586176	10329003	9.398593	9.412658
51	2505490	2588038	10326469	9.398892	9.412970
52	2507179	2589900	10329936	9.399185	9.413283
53	2508869	2591763	10330403	9.399478	9.413595
54	2510558	2593625	10330871	9.399770	9.413907
55	2512248	2595488	10331338	9.400062	9.414219
56	2513937	2597351	10331807	9.400354	9.414530
57	2515626	2599214	10332275	9.400646	9.414842
58	2517315	2601078	10332744	9.400937	9.415153
59	2519004	2602941	10333213	9.401223	9.415464
60	2520693	2604805	10333683	9.401520	9.415775
61	2522382	2606668	10334153	9.401811	9.416086
62	2524071	2608532	10334623	9.402101	9.416396
63	2525760	2610397	10335094	9.402392	9.416706
64	2527449	2612261	10335565	9.402682	9.417016
65	2529137	2614126	10336036	9.402972	9.417326
66	2530826	2615990	10336508	9.403262	9.417636
67	2532514	2617855	10336980	9.403552	9.417945
68	2534203	2619720	10337453	9.403841	9.418254
69	2535891	2621585	10337926	9.404130	9.418564
70	2537579	2623451	10338399	9.404419	9.418873
71	2539267	2625316	10338872	9.404708	9.419181
72	2540955	2627182	10339346	9.404997	9.419490
73	2542643	2629048	10339821	9.405285	9.419797
74	2544331	2630914	10340295	9.405574	9.420106
75	2546019	2632780	10340770	9.405862	9.420414
76	2547707	2634646	10341246	9.406149	9.420722
77	2549395	2636513	10341721	9.406437	9.421030
78	2551082	2638380	10342197	9.406724	9.421337
79	2552770	2640247	10342674	9.407012	9.421644
80	2554457	2642114	10343150	9.407298	9.421951
81	2556145	2643981	10343628	9.407585	9.422256
82	2557832	2645848	10344105	9.407872	9.422565
83	2559519	2647716	10344583	9.408158	9.422871
84	2561206	2649584	10345061	9.408444	9.423177
85	2562894	2651452	10345540	9.408730	9.423484
86	2564582	2653320	10346019	9.409016	9.423789
87	2566267	2655188	10346498	9.409302	9.424095
88	2567954	2657057	10346978	9.409587	9.424401
89	2569641	2658925	10347458	9.409872	9.424706
90	2571328	2660794	10347938	9.410157	9.425011
91	2573014	2662663	10348419	9.410442	9.425316
92	2574701	2664532	10348900	9.410727	9.425621
93	2576387	2666402	10349381	9.411011	9.425925
94	2578074	2668271	10349863	9.411295	9.426230
95	2579760	2670141	10350345	9.411579	9.426534
96	2581446	2672011	10350828	9.411863	9.426838
97	2583132	2673881	10351311	9.412146	9.427142
98	2584818	2675751	10351794	9.412430	9.427445
99	2586504	2677621	10352278	9.412713	9.427749
	2588190	2679492	10352762	9.412996	9.428052

M	Sinus.	Tangen.	Secant.	Lo. Sin.	Lo. Tan.
50	9681476	38667131	39939291	9.985941	10.587342
49	9681039	38639309	39912356	9.985922	10.587029
48	9680602	38611525	39885459	9.985902	10.586717
47	9680164	38583778	39858599	9.985883	10.586405
46	9679726	38556068	39831776	9.985863	10.586093
45	9679288	38528396	39804991	9.985843	10.585781
44	9678849	38500761	39778243	9.985824	10.585469
43	9678410	38473163	39751532	9.985804	10.585158
42	9677971	38445602	39724858	9.985784	10.584846
41	9677531	38418078	39698221	9.985764	10.584535
40	9677092	38390591	39671621	9.985745	10.584225
39	9676651	38363141	39645057	9.985725	10.583914
38	9676211	38335727	39618531	9.985705	10.583604
37	9675770	38308350	39592041	9.985685	10.583293
36	9675329	38281010	39565588	9.985666	10.582983
35	9674888	38253706	39539171	9.985646	10.582673
34	9674447	38226439	39512791	9.985626	10.582364
33	9674005	38199208	39486447	9.985606	10.582054
32	9673563	38172013	39460139	9.985586	10.581745
31	9673120	38144855	39433866	9.985566	10.581436
30	9672677	38117733	39407633	9.985547	10.581127
29	9672234	38090646	39381434	9.985527	10.580818
28	9671791	38063596	39355271	9.985507	10.580510
27	9671347	38036582	39329144	9.985487	10.580201
26	9670903	38009603	39303052	9.985467	10.579893
25	9670459	37982660	39276997	9.985447	10.579585
24	9670015	37955753	39250977	9.985427	10.579277
23	9669570	37928882	39224993	9.985407	10.578970
22	9669125	37902046	39199045	9.985386	10.578662
21	9668679	37875246	39173132	9.985367	10.578355
20	9668234	37848481	39147254	9.985347	10.578048
19	9667788	37821751	39121412	9.985327	10.577741
18	9667341	37795057	39095605	9.985307	10.577435
17	9666895	37768397	39069833	9.985287	10.577128
16	9666448	37741773	39044096	9.985267	10.576822
15	9666001	37715184	39018395	9.985247	10.576516
14	9665553	37688630	38992728	9.985227	10.576210
13	9665106	37662111	38967097	9.985206	10.575904
12	9664658	37635627	38941500	9.985186	10.575599
11	9664209	37609177	38915938	9.985166	10.575294
10	9663761	37582763	38890411	9.985146	10.574989
9	9663312	37556383	38864918	9.985126	10.574684
8	9662862	37530037	38839460	9.985106	10.574379
7	9662413	37503726	38814037	9.985085	10.574074
6	9661963	37477449	38788648	9.985065	10.573770
5	9661513	37451207	38763293	9.985045	10.573466
4	9661063	37424999	38737973	9.985025	10.573162
3	9660612	37398825	38712687	9.985004	10.572858
2	9660161	37372685	38687435	9.984984	10.572554
1	9659710	37346580	38662217	9.984964	10.572251
0	9659258	37320508	38637033	9.984944	10.571947

M	Sinus.	Tang.	Secant.	Lo. Sin.	Lo. Tan.
0	2588190	2679491	10352762	9.412996	9.428052
1	2589876	2681362	10353246	9.413279	9.428355
2	2591562	2683233	10353731	9.413561	9.428658
3	2593247	2685104	10354216	9.413844	9.428961
4	2594933	2686976	10354701	9.414126	9.429264
5	2596618	2688847	10355187	9.414408	9.429566
6	2598304	2690719	10355673	9.414690	9.429868
7	2599989	2692590	10356160	9.414971	9.430170
8	2601675	2694462	10356646	9.415253	9.430472
9	2603360	2696335	10357134	9.415534	9.430774
10	2605045	2698207	10357621	9.415815	9.431075
11	2606730	2700079	10358109	9.416096	9.431377
12	2608415	2701952	10358597	9.416376	9.431677
13	2610100	2703825	10359086	9.416657	9.431979
14	2611785	2705696	10359575	9.416937	9.432279
15	2613469	2707571	10360065	9.417217	9.432580
16	2615154	2709444	10360554	9.417497	9.432880
17	2616838	2711316	10361044	9.417777	9.433180
18	2618523	2713192	10361535	9.418056	9.433480
19	2620207	2715065	10362026	9.418335	9.433780
20	2621892	2716940	10362517	9.418615	9.434080
21	2623576	2718814	10363008	9.418893	9.434379
22	2625260	2720686	10363500	9.419172	9.434679
23	2626944	2722563	10363993	9.419451	9.434976
24	2628628	2724438	10364485	9.419729	9.435277
25	2630312	2726313	10364978	9.420007	9.435576
26	2631996	2728186	10365472	9.420285	9.435874
27	2633680	2730063	10365966	9.420563	9.436173
28	2635363	2731939	10366460	9.420840	9.436471
29	2637047	2733814	10366954	9.421118	9.436769
30	2638730	2735690	10367449	9.421395	9.437067
31	2640414	2737566	10367944	9.421672	9.437364
32	2642097	2739442	10368440	9.421949	9.437662
33	2643780	2741319	10368936	9.422225	9.437959
34	2645464	2743195	10369432	9.422501	9.438257
35	2647147	2745072	10369929	9.422778	9.438554
36	2648830	2746949	10370426	9.423054	9.438850
37	2650513	2748826	10370923	9.423330	9.439147
38	2652195	2750704	10371421	9.423605	9.439444
39	2653878	2752581	10371919	9.423881	9.439740
40	2655561	2754458	10372417	9.424156	9.440036
41	2657244	2756336	10372916	9.424431	9.440332
42	2658926	2758214	10373415	9.424706	9.440628
43	2660609	2760093	10373915	9.424981	9.440924
44	2662291	2761971	10374414	9.425255	9.441219
45	2663973	2763850	10374915	9.425530	9.441514
46	2665656	2765729	10375415	9.425804	9.441809
47	2667338	2767607	10375916	9.426078	9.442104
48	2669020	2769486	10376417	9.426352	9.442399
49	2670702	2771366	10376919	9.426625	9.442693
50	2672384	2773245	10377420	9.426899	9.442988

M.	Sinus.	Tangen.	Secant.	Lo. Sin.	Lo. Tan.
100	9659258	37320508	38637023	9.984944	10.571947
99	9658806	37294470	38611883	9.984923	10.571644
98	9658354	37268466	38586767	9.984903	10.571341
97	9657902	37242496	38561685	9.984883	10.571039
96	9657449	37216560	38536636	9.984862	10.570736
95	9656996	37190658	38511622	9.984824	10.570434
94	9656542	37164789	38486641	9.984821	10.570131
93	9656089	37138953	38461693	9.984801	10.569829
92	9655635	37113151	38436779	9.984781	10.569528
91	9655181	37087383	38411899	9.984760	10.569226
90	9654726	37061647	38387051	9.984740	10.568925
89	9654271	37035945	38362237	9.984719	10.568623
88	9653816	37010277	38337457	9.984699	10.568322
87	9653361	36984641	38312709	9.984678	10.568021
86	9652905	36959039	38287995	9.984658	10.567720
85	9652449	36933469	38263313	9.984637	10.567420
84	9651993	36907933	38238665	9.984617	10.567120
83	9651536	36882429	38214049	9.984596	10.566819
82	9651079	36856958	38189466	9.984575	10.566519
81	9650622	36831520	38164916	9.984555	10.566219
80	9650165	36806114	38140399	9.984535	10.565920
79	9649707	36780742	38115915	9.984514	10.565620
78	9649249	36755401	38091463	9.984493	10.565321
77	9648791	36730093	38067043	9.984473	10.565022
76	9648332	36704818	38042656	9.984452	10.564723
75	9647873	36679575	38018301	9.984431	10.564424
74	9647414	36654364	37993979	9.984411	10.564125
73	9646954	36629186	37969689	9.984390	10.563827
72	9646494	36604040	37945431	9.984369	10.563529
71	9646034	36578925	37921205	9.984349	10.563231
70	9745574	36553843	37897011	9.984328	10.562933
69	9645113	36528793	37872850	9.984307	10.562635
68	9644652	36503775	37848720	9.984286	10.562338
67	9644191	36478788	37824622	9.984266	10.562040
66	9643729	36453834	37800556	9.984245	10.561743
65	9643268	36428911	37776521	9.984224	10.561446
64	9642805	36404020	37752519	9.984203	10.561149
63	9642343	36379160	37728548	9.984182	10.560852
62	9641880	36354332	37704608	9.984162	10.560556
61	9641417	36329536	37680700	9.984141	10.560260
60	9640954	36304771	37656824	9.984120	10.559964
59	9640490	36280037	37632979	9.984099	10.559668
58	9640026	36255335	37609165	9.984078	10.559372
57	9639562	36230665	37585382	9.984057	10.559076
56	9639098	36206023	37561631	9.984036	10.558781
55	9638632	36181415	37537911	9.984015	10.558485
54	9638168	36156837	37514222	9.983994	10.558190
53	9637702	36132290	37490564	9.983973	10.557895
52	9637237	36107774	37466937	9.983952	10.557601
51	9636771	36083289	37443341	9.983931	10.557306
50	9636304	36058835	37419775	9.983910	10.557011

M	Sinus.	Tang	Secant.	Lo. Sin.	Lo. Tan.
50	2672334	2773245	10377422	9.426899	9.442988
51	2674215	2775125	10377724	9.427172	9.443282
52	2676747	2777034	10378427	9.427445	9.443576
53	2677423	2778653	10378930	9.427718	9.443870
54	2679112	2780765	10379434	9.427990	9.444164
55	2680792	2782645	10379938	9.428263	9.444458
56	2682473	2784525	10380442	9.428535	9.444751
57	2684154	2786407	10380947	9.428807	9.445044
58	2685836	2788288	10381452	9.429079	9.445337
59	2687517	2790169	10381957	9.429351	9.445630
60	2689198	2792050	10382463	9.429623	9.445923
61	2690870	2793931	10382969	9.429894	9.446216
62	2692560	2795813	10383476	9.430165	9.446508
63	2694241	2797695	10383983	9.430436	9.446800
64	2695921	2799577	10384490	9.430707	9.447092
65	2697602	2801459	10384997	9.430978	9.447384
66	2699283	2803342	10385505	9.431248	9.447676
67	2700963	2805224	10386014	9.431519	9.447967
68	2702644	2807107	10386522	9.431789	9.448259
69	2704324	2808990	10387031	9.432059	9.448550
70	2706004	2810873	10387541	9.432328	9.448841
71	2707684	2812756	10388051	9.432598	9.449132
72	2709365	2814640	10388561	9.432867	9.449423
73	2711045	2816523	10389071	9.433136	9.449713
74	2712724	2818407	10389582	9.433406	9.450004
75	2714404	2820291	10390093	9.433674	9.450294
76	2716084	2822176	10390605	9.433943	9.450584
77	2717764	2824060	10391117	9.434212	9.450874
78	2719443	2825945	10391629	9.434480	9.451164
79	2721123	2827830	10392142	9.434748	9.451453
80	2722802	2829715	10392655	9.435016	9.451742
81	2724482	2831600	10393169	9.435284	9.452032
82	2726161	2833485	10393682	9.435551	9.452321
83	2727840	2835371	10394196	9.435819	9.452610
84	2729519	2837256	10394711	9.436086	9.452898
85	2731198	2839142	10395225	9.436353	9.453187
86	2732877	2841028	10395741	9.436620	9.453475
87	2734556	2842915	10396257	9.436887	9.453764
88	2736235	2844801	10396773	9.437153	9.454052
89	2737913	2846688	10397289	9.437420	9.454340
90	2739592	2848575	10397806	9.437686	9.454627
91	2741271	2850462	10398323	9.437952	9.454915
92	2742949	2852349	10398841	9.438218	9.455202
93	2744627	2854236	10399359	9.438483	9.455490
94	2746306	2856124	10399877	9.438749	9.455777
95	2747984	2858012	10400396	9.439014	9.456064
96	2749662	2859900	10400915	9.439279	9.456351
97	2751340	2861788	10401434	9.439544	9.456637
98	2753018	2863676	10401954	9.439809	9.456924
99	2754696	2865565	10402474	9.440073	9.457210
90	2756373	2867453	10402994	9.440338	9.457496

M	Sinus.	Tange.	Secant.	Lo. Sin.	Lo. Tan.
50	9636304	36058835	37419775	9.983910	10.557011
49	9635837	36034411	37390241	9.983889	10.556717
48	9635371	36010019	37372737	9.983868	10.556423
47	9634903	35985657	37349264	9.983847	10.556129
46	9634436	35961325	37325821	9.983826	10.555835
45	9633968	35937024	37302409	9.983805	10.555542
44	9633500	35912754	37279027	9.983784	10.555249
43	9633032	35888514	37255676	9.983763	10.554955
42	9632564	35864304	37232355	9.983742	10.554662
41	9632095	35840124	37209065	9.983721	10.554369
40	9631625	35815975	37185805	9.983699	10.554077
39	9631156	35791856	37162575	9.983678	10.553784
38	9630686	35767767	37139375	9.983657	10.553492
37	9630216	35743708	37116205	9.983636	10.553199
36	9629746	35719679	37093065	9.983615	10.552907
35	9629275	35695680	37069956	9.983594	10.552615
34	9628804	35671711	37046876	9.983572	10.552324
33	9628333	35647772	37023826	9.983551	10.552032
32	9627861	35623863	37000805	9.983530	10.551741
31	9627389	35599983	36977815	9.983508	10.551450
30	9626917	35576133	36954854	9.983487	10.551159
29	9626445	35552312	36931923	9.983466	10.550868
28	9625972	35528521	36909021	9.983444	10.550577
27	9625499	35504760	36886149	9.983423	10.550286
26	9625026	35481028	36863306	9.983402	10.549996
25	9624552	35457325	36840493	9.983380	10.549706
24	9624078	35433652	36817709	9.983359	10.549416
23	9623604	35410008	36794954	9.983338	10.549126
22	9623130	35386393	36772229	9.983316	10.548836
21	9622655	35362807	36749532	9.983295	10.548547
20	9622180	35339251	36726865	9.983273	10.548257
19	9621704	35315723	36704227	9.983252	10.547968
18	9621229	35292224	36681618	9.983230	10.547679
17	9620753	35268755	36659038	9.983209	10.547390
16	9620277	35245314	36636487	9.983187	10.547101
15	9619800	35221902	36613964	9.983166	10.546813
14	9619323	35198519	36591471	9.983144	10.546524
13	9618846	35175164	36569006	9.983123	10.546236
12	9618369	35151838	36546570	9.983101	10.545948
11	9617891	35128541	36524162	9.983080	10.545660
10	9617413	35105273	36501783	9.983058	10.545372
9	9616935	35082032	36479432	9.983036	10.545085
8	9616456	35058821	36457110	9.983015	10.544797
7	9615977	35035637	36434817	9.982993	10.544510
6	9615498	35012482	36412552	9.982972	10.544223
5	9615018	34989356	36390315	9.982950	10.543936
4	9614539	34966257	36368106	9.982928	10.543649
3	9614059	34943187	36345925	9.982907	10.543362
2	9613578	34920144	36323773	9.982885	10.543076
1	9613098	34897130	36301649	9.982863	10.542790
0	9612617	34874144	36279553	9.982841	10.542503

M	Sinus.	Tang.	Secant.	Lo. Sin.	Lo Tan.
0	2756373	2867454	10402994	9.440338	9.457495
1	2758051	2869343	10403515	9.440602	9.457782
2	2759729	2871232	10404036	9.440866	9.458068
3	2761406	2873121	10404558	9.441130	9.458354
4	2763084	2875011	10405080	9.441394	9.458639
5	2764761	2876900	10405602	9.441657	9.458925
6	2766438	2878790	10406125	9.441921	9.459210
7	2768115	2880680	10406648	9.442184	9.459495
8	2769792	2882570	10407171	9.442447	9.459780
9	2771470	2884461	10407695	9.442710	9.460064
10	2773146	2886351	10408219	9.442973	9.460349
11	2774823	2888242	10408743	9.443235	9.460633
12	2776500	2890133	10409268	9.443497	9.460918
13	2778177	2892025	10409794	9.443760	9.461202
14	2779853	2893916	10410319	9.444022	9.461486
15	2781530	2895808	10410845	9.444284	9.461770
16	2783206	2897699	10411372	9.444545	9.462053
17	2784882	2899591	10411898	9.444807	9.462337
18	2786559	2901483	10412425	9.445068	9.462620
19	2788235	2903376	10412953	9.445329	9.462903
20	2789911	2905268	10413481	9.4 5590	9.463186
21	2791587	2907161	10414009	9.445851	9.463469
22	2793263	2909054	10414538	9.446112	9.463752
23	2794939	2910947	10415067	9.446372	9.464034
24	2796614	2912840	10415596	9.446632	9.464317
25	2798290	2914734	10416126	9.446893	9.464599
26	2799966	2916628	10416656	9.447153	9.464881
27	2801641	2918522	10417186	9.447412	9.465163
28	2803316	2920416	10417717	9.447672	9.465445
29	2804992	2922310	10418248	9.447931	9.465726
30	2806667	2924204	10418780	9.448191	9.466008
31	2808342	2926099	10419312	9.448450	9.466289
32	2810017	2927994	10419844	9.448709	9.466571
33	2811692	2929889	10420376	9.448968	9.466851
34	2813367	2931784	10420910	9.449226	9.467132
35	2815042	2933680	10421443	9.449485	9.467413
36	2816716	2935575	10421977	9.449743	9.467693
37	2818391	2937471	10422511	9.450001	9.467973
38	2820066	2939367	10423045	9.450259	9.468254
39	2821740	2941263	10423580	9.450518	9.468534
40	2823414	2943163	10424116	9.450774	9.468814
41	2825089	2945056	10424651	9.451032	9.469093
42	2826763	2946953	10425187	9.451289	9.469373
43	2828437	2948850	10425724	9.451546	9.469653
44	2830111	2950747	10426260	9.451803	9.469932
45	2831785	2952645	10426798	9.452060	9.470211
46	2833459	2954542	10427335	9.452317	9.470490
47	2835132	2956440	10427873	9.452573	9.470769
48	2836805	2958338	10428411	9.452829	9.471048
49	2838480	2960236	10428950	9.453086	9.471326
50	2840153	2962135	10429489	9.453342	9.471605

M.	Sinus.	Tangen.	Secant.	Lo. Sin.	Log. Tan.
100	9612616	34874144	36279553	9.982841	10.542503
99	9612136	34851186	36257484	9.982820	10.542217
98	9611654	34828256	36235444	9.982798	10.541931
97	9611172	34805353	36213432	9.982776	10.541646
96	9610690	34782479	36191447	9.982754	10.541360
95	9610208	34759632	36169490	9.982733	10.541075
94	9609725	34736813	36147561	9.982711	10.540790
93	9609242	34714021	36125660	9.982689	10.540505
92	9608759	34691258	36103786	9.982667	10.540220
91	9608275	34668521	36081940	9.982645	10.539935
90	9607791	34645813	36060121	9.982623	10.539651
89	9607307	34623131	36038330	9.982601	10.539366
88	9606823	34600477	36016566	9.982580	10.539082
87	9606338	34577851	35994829	9.982558	0.538798
86	9605853	34555251	35973120	9.982536	10.538514
85	9605368	34532679	35951438	9.982514	10.538230
84	9604882	34510134	35929784	9.982492	10.537946
83	9604396	34487616	35908156	9.982470	10.537663
82	9603910	34465126	35886556	9.982448	10.537380
81	9603423	34442662	35864983	9.982426	10.537097
80	9602937	34420226	35843436	9.982404	10.536814
79	9602450	34397816	35821917	9.982382	10.536531
78	9601962	34375433	35800425	9.982360	10.536248
77	9601474	34353077	35778959	9.982338	10.535965
76	9600987	34330747	35757520	9.982316	10.535682
75	9600498	34308446	35736108	9.982294	10.535401
74	9600010	34286170	35714727	9.982271	10.535119
73	9599521	34263920	35693364	9.982249	10.534837
72	9599032	34241698	35672032	9.982227	10.534555
71	9598542	34219502	35650727	9.982205	10.534273
70	9598052	34197333	35629448	9.982183	10.533992
69	9597563	34175190	35608196	9.982161	10.533711
68	9597072	34153073	35586970	9.982139	10.533430
67	9596582	34130983	35565770	9.982116	10 533149
66	9596091	34108919	35544596	9.982094	10.532868
65	9595600	34086881	35523450	9.982072	10.532587
64	9595108	34064870	35502329	9.982050	10.533307
63	9594617	34042885	35481234	9.982027	10.532026
62	9594125	34020925	35460166	9.982005	10.531746
61	9593632	33998992	35439123	9.981983	10.531466
60	9593140	33977085	35418107	9.981961	10.531186
59	9592647	33955204	35397117	9.981938	10.530905
58	9592153	33933349	35376152	9.981916	10.530627
57	9591660	33911519	35355214	9.981894	10.530347
56	9591166	33889716	35334301	9.981871	10.530068
55	9590672	33867938	35313414	9.981849	10.529789
54	9590178	33846186	35292553	9.981826	10.529510
53	9589683	33824459	35271718	9.981804	10.529231
52	9589188	33802759	35250908	9.981782	10.528952
51	9588692	33781084	35230124	9.981759	10.528673
50	9588197	33759434	35209365	9.981737	10.528395

M	Sinus.	Tang.	Secant.	Lo. Sin.	Lo. Tan.
50	2840153	2962135	10429489	9.453342	9.471625
51	2841827	2964033	10430028	9.453597	9.471863
52	2843500	2965932	10430568	9.453853	9.472101
53	2845173	2967831	10431108	9.454109	9.472339
54	2846846	2969730	10431649	9.454364	9.472717
55	2848519	2971630	10432190	9.454619	9.472934
56	2850192	2973529	10432731	9.454874	9.473172
57	2851865	2975429	10433272	9.455129	9.473549
58	2853538	2977329	10433814	9.455384	9.473827
59	2855211	2979229	10434357	9.455638	9.474104
60	2856883	2981129	10434899	9.455892	9.474381
61	2858556	2983030	10435443	9.456147	9.474657
62	2860228	2984931	10435986	9.456401	9.474934
63	2861901	2986831	10436530	9.456654	9.475211
64	2863573	2988733	10437074	9.456908	9.475487
65	2865245	2990634	10437619	9.457162	9.475763
66	2866917	2992535	10438164	9.457415	9.476039
67	2868589	2994437	10438709	9.457668	9.476315
68	2870261	2996339	10439255	9.457921	9.476591
69	2871933	2998241	10439801	9.458174	9.476866
70	2873605	3000144	10440348	9.458427	9.477142
71	2875277	3002046	10440894	9.458679	9.477417
72	2876948	3003949	10441442	9.458932	9.477692
73	2878620	3005852	10441989	9.459184	9.477967
74	2880291	3007755	10442537	9.459436	9.478242
75	2881962	3009658	10443086	9.459688	9.478517
76	2883634	3011562	10443634	9.459940	9.478792
77	2885305	3013465	10444184	9.460192	9.479066
78	2886976	3015369	10444733	9.460443	9.479340
79	2888647	3017273	10445283	9.460694	9.479615
80	2890318	3019178	10445833	9.460945	9.479889
81	2891989	3021082	10446384	9.461196	9.480162
82	2893659	3022987	10446935	9.461447	9.480436
83	2895330	3024892	10447486	9.461698	9.480710
84	2897000	3026797	10448038	9.461948	9.480983
85	2898671	3028702	10448590	9.462199	9.481256
86	2900341	3030608	10449143	9.462449	9.481532
87	2902011	3032514	10449696	9.462699	9.481802
88	2903682	3034420	10450249	9.462949	9.482075
89	2905352	3036326	10450802	9.463199	9.482348
90	2907022	3038232	10451356	9.463448	9.482621
91	2908692	3040139	10451911	9.463698	9.482893
92	2910361	3042045	10452466	9.463947	9.483166
93	2912031	3043952	10453021	9.464196	9.483438
94	2913701	3045859	10453576	9.464445	9.483712
95	2915370	3047767	10454132	9.464694	9.483982
96	2917040	3049674	10454688	9.464942	9.484253
97	2918709	3051582	10455245	9.465191	9.484525
98	2920379	3053490	10455802	9.465439	9.484796
99	2922046	3055398	10456360	9.465687	9.485068
	2923717	3057307	10456917	9.465935	9.485339

M	Sinus.	Tangen.	Secant.	Lo. Sin.	Lo. Tan.
50	9588197	33759434	35209365	9.981737	10.528305
49	9587701	33737810	35188632	9.981714	10.528117
48	9587205	33716211	35167924	9.981692	10.527839
47	9586709	33694638	35147242	9.981669	10.527561
46	9586212	33673090	35126585	9.981647	10.527283
45	9585715	33651568	35105954	9.981624	10.527005
44	9585218	33630070	35085344	9.981602	10.526728
43	9584720	33608598	35064767	9.981579	10.526450
42	9584222	33587151	35044211	9.981557	10.526173
41	9583724	33565730	35023681	9.981534	10.525896
40	9583226	33544333	35003175	9.981512	10.525619
39	9582727	33522961	34982695	9.981489	10.525342
38	9582228	33501615	34962239	9.981466	10.525066
37	9581728	33480293	34941809	9.981444	10.524789
36	9581229	33458996	34921403	9.981421	10.524513
35	9580729	33437724	34901023	9.981398	10.524237
34	9580229	33416477	34880667	9.981376	10.523960
33	9579728	33395255	34860336	9.981353	10.523685
32	9579227	33374057	34840030	9.981330	10.523409
31	9578726	33352884	34819748	9.981308	10.523133
30	9578225	33331736	34799491	9.981285	10.522858
29	9577723	33310612	34779259	9.981262	10.522582
28	9577221	33289513	34759051	9.981239	10.522307
27	9576719	33268438	34738868	9.981217	10.522032
26	9576216	33247388	34718710	9.981194	10.521757
25	9575713	33226362	34698575	9.981171	10.521483
24	9575210	33205361	34678466	9.981148	10.521208
23	9574707	33184384	34658380	9.981125	10.520934
22	9574203	33163431	34638319	9.981102	10.520659
21	9573699	33142502	34618282	9.981080	10.520385
20	9573195	33121598	34598269	9.981057	10.520111
19	9572690	33100718	34578281	9.981034	10.519837
18	9572185	33079861	34558316	9.981011	10.519563
17	9571650	33059029	34538376	9.980988	10.519290
16	9571175	33038221	34518460	9.980965	10.519016
15	9571669	33017437	34498568	9.980942	10.518743
14	9570163	32996677	34478699	9.980919	10.518470
13	9569656	32975941	34458855	9.980896	10.518197
12	9569150	32955229	34439035	9.980873	10.517924
11	9568643	32934540	34419238	9.980850	10.517651
10	9568136	32913875	34399465	9.980827	10.517379
9	9567628	32893234	34379716	9.980803	10.517106
8	9567120	32872617	34359991	9.980781	10.516834
7	9566612	32852023	34340289	9.980758	10.516562
6	9566104	32831453	34320611	9.980735	10.516290
5	9565595	32810907	34300956	9.980712	10.516018
4	9565086	32790384	34281325	9.980689	10.515746
3	9564577	32769883	34261718	9.980666	10.515475
2	9564067	32749406	34242134	9.980642	10.515203
1	9563557	32728953	34222573	9.980619	10.514932
0	9563047	32708526	34203036	9.980596	10.514661

M	Sinus.	Tang.	Secant.	Lo. Sin.	Lo Tan
0	2923717	3057307	10456917	9.465935	9.485339
1	2925386	3059215	10457476	9.466183	9.485610
2	2927055	3061124	10458034	9.466431	9.485881
3	2928724	3063038	10458593	9.466678	9.486151
4	2930392	3064942	10459152	9.466926	9.486422
5	2932061	3066852	10459712	9.467173	9.486692
6	2933730	3068761	10460272	9.467420	9.486963
7	2935398	3070671	10460833	9.467667	9.487233
8	2937067	3072581	10461393	9.467914	9.487503
9	2938735	3074491	10461955	9.468160	9.487773
10	2940403	3076401	10462516	9.468407	9.488043
11	2942071	3078312	10463078	9.468653	9.488312
12	2943739	3080223	10463640	9.468899	9.488582
13	2945407	3082134	10464203	9.469145	9.488851
14	2947075	3084045	10464766	9.469391	9.489121
15	2948743	3085957	10465330	9.469637	9.489390
16	2950410	3087868	10465894	9.469882	9.489659
17	2952078	3089780	10466458	9.470128	9.489927
18	2953746	3091692	10467022	9.470373	9.490196
19	2955413	3093604	10467587	9.470618	9.490465
20	2957080	3095517	10468153	9.470863	9.490733
21	2958748	3097430	10468719	9.471108	9.491001
22	2960415	3099342	10469285	9.471352	9.491269
23	2962082	3101256	10469851	9.471597	9.491537
24	2963749	3103169	10470418	9.471841	9.491805
25	2965416	3105082	10470985	9.472085	9.492073
26	2967082	3106997	10471553	9.472329	9.492341
27	2968749	3108911	10472121	9.472573	9.492608
28	2970416	3110824	10472689	9.472817	9.492875
29	2972082	3112738	10473258	9.473061	9.493142
30	2973749	3114653	10473827	9.473304	9.493409
31	2975415	3116568	10474397	9.473547	9.493676
32	2977081	3118483	10474967	9.473790	9.493943
33	2978747	3120398	10475537	9.474033	9.494210
34	2980413	3122313	10476108	9.474276	9.494476
35	2982079	3124229	10476679	9.474519	9.494743
36	2983745	3126145	10477250	9.474761	9.495009
37	2985411	3128061	10477822	9.475004	9.495275
38	2987077	3129977	10478395	9.475246	9.495541
39	2988742	3131893	10478967	9.475488	9.495807
40	2990408	3133810	10479540	9.475730	9.496072
41	2992073	3135727	10480113	9.475972	9.496338
42	2993738	3137644	10480687	9.476214	9.496603
43	2995404	3139561	10481261	9.476455	9.496869
44	2997069	3141478	10481836	9.476697	9.497134
45	2998734	3143396	10482410	9.476938	9.497399
46	3000399	3145314	10482986	9.477179	9.497664
47	3002064	3147232	10483562	9.477420	9.497929
48	3003729	3149150	10484138	9.477661	9.498193
49	3005393	3151069	10484714	9.477901	9.498458
50	3007058	3152988	10485291	9.478142	9.498722

M.	Sinus.	Tangen	Secant.	Lo. Sin.	Lo. Tan.
100	9563047	32708526	34203036	9. 980596	10.514661
99	9562537	32688412	34185322	9.980573	10.514390
98	9562025	32667737	34164232	9.980550	10.514119
97	9561515	32647370	34144564	9.980527	10.513848
96	9561004	32627241	34125120	9.980503	10.513577
95	9560492	32606723	34105693	9.980480	10.513307
94	9559980	32586438	34086301	9.980457	10.513037
93	9559468	32566171	34066927	9.980434	10.512767
92	9558956	32545927	34047576	9.980410	10.512496
91	9558443	32525706	34028246	9.980387	10.512227
90	9557930	32505508	34008941	9.980364	10.511957
89	9557417	32485333	33989658	9.980340	10.511687
88	9556903	32465180	33970398	9.980317	10.511418
87	9556389	32445051	33951161	9.980294	10.511148
86	9555875	32424944	33931947	9.980270	10.510879
85	9555360	32404860	33912755	9.980247	10.510610
84	9554845	32384799	33893586	9.980223	10.510341
83	9554330	32364760	33874440	9.980200	10.510072
82	9553815	32344744	33855317	9.980177	10.509804
81	9553300	32324751	33836216	9.980153	10.509535
80	9552783	32304780	33817138	9.980130	10.509267
79	9552267	32284832	33798082	9.980106	10.508998
78	9551751	32264906	33779049	9.980083	10.508730
77	9551234	32245003	33760038	9.980059	10.508462
76	9550717	32225122	33741050	9.980036	10.508194
75	9550199	32205263	33722084	9.980012	10.507 27
74	9549682	32185427	33703141	9.979989	10.507659
73	9549164	32165612	33684219	9.979965	10.507392
72	9548645	32145821	33665320	9.979942	10.507124
71	9548127	32126051	33646443	9.979918	10.506857
70	9547608	32106303	33627589	9.979894	10.506590
69	9547089	32086578	33608756	9.979871	10.506323
68	9546569	32066875	33589946	9.979847	10.506056
67	9546049	32047193	33571157	9.979823	10.505790
66	9545529	32027534	33552391	9.979800	10.505523
65	9545009	32007897	33533647	9.979776	10.505257
64	9544488	31988281	33514924	9.979752	10.504991
63	9543968	31968688	33496224	9.979729	10.504725
62	9543446	31949116	33477545	9.979705	10.504459
61	9542925	31929567	33458889	9.979681	10.504193
60	9542403	31910039	33440254	9.979658	10.503927
59	9541881	31890532	33421643	9.979634	10.503662
58	9541359	31871048	33403049	9.979610	10.503396
57	9540836	31851585	33384479	9.979586	10.503131
56	9540313	31832144	33365931	9.979562	10.502866
55	9539790	31812724	33347405	9.979539	10.502601
54	9539266	31793325	33328900	9.979515	10.502336
53	9538742	31773946	33310416	9.979491	10.502071
52	9538218	31754590	33291954	9.979467	10.501806
51	9537694	31735256	33273514	9.979443	10.501542
50	9537160	31715948	33255095	9.979419	10.501277

M	Sinus	Tang	Secant.	Lo. Sin.	Lo. Tan.
50	3007058	3152388	10485291	9.478142	9.498722
51	3008722	3154927	10485868	9.478382	9.498986
52	3010387	3156826	10486445	9.478622	9.499250
53	3012051	3158745	10487024	9.478862	9.499514
54	3013715	3160565	10487602	9.479102	9.499778
55	3015379	3162585	10488181	9.479342	9.500042
56	3017043	3164505	10488760	9.479581	9.500306
57	3018707	3166425	10489339	9.479821	9.500569
58	3020371	3168345	10489119	9.480060	9.500832
59	3022035	3170256	10490508	9.480299	9.501096
60	3023699	3172187	10491080	9.480538	9.501359
61	3025362	3174108	10491651	9.480777	9.501621
62	3027026	3176029	10492243	9.481016	9.501884
63	3028689	3177650	10492825	9.481255	9.502147
64	3030352	3179872	10493407	9.481493	9.502409
65	3032016	3181794	10493989	9.481731	9.502672
66	3033679	3183716	10494572	9.481969	9.502934
67	3035342	3185639	10495156	9.482207	9.503196
68	3037005	3187561	10495739	9.482445	9.503458
69	3038668	3189484	10496323	9.482683	9.503720
70	3040330	3181407	10496908	9.482921	9.503982
71	3041993	3193330	10497493	9.483158	9.504244
72	3043656	3195253	10498078	9.483395	9.504505
73	3045318	3197177	10498664	9.483632	9.504767
74	3046980	3199101	10499250	9.483870	9.505028
75	3048643	3201025	10499836	9.484106	.505289
76	3050305	3202949	10500423	9.484343	9.505550
77	3051967	3204874	10501010	9.484580	9.505811
78	3053629	3206799	10501598	9.484816	9.506071
79	3055291	3208723	10502186	9.485052	9.506332
80	3056953	3210649	10502774	9.485289	9.506593
81	3058615	3212574	10503363	9.485525	9.506853
82	3060276	3214499	10503952	9.485760	9.507113
83	3061938	3216425	10504541	9.485996	9.507373
84	3063599	3218351	10505131	9.486232	9.507633
85	3065261	3220277	10505721	9.486467	9.507893
86	3066922	3222204	10506312	9.486703	9.508153
87	3068583	3224131	10506903	9.486938	9.508412
88	3070244	3226057	10507495	9.487173	9.508672
89	3071905	3227984	10508086	9.487408	9.508931
90	3073566	3229912	10508679	9.487642	9.509190
91	3075227	3231839	10509271	9.487877	9.509450
92	3076887	3233767	10509864	9.488111	9.509709
93	3078548	3235695	10510458	9.488346	9.509967
94	3080207	3237623	10511051	9.488580	9.510226
95	3081869	3239552	10511646	9.488814	9.510485
96	3083529	3241480	10512240	9.489048	9.510743
97	3085190	3243409	10512835	9.489282	9.511002
98	3086850	3245338	10513430	9.489515	9.511260
99	3088510	3247267	10514026	9.489749	9.511518
	3090170	3249197	10514622	9.489982	9.511776

M	Sinus.	Tangen.	Secant.	Lo. Sin.	Lo. Tan.
50	9537169	31715948	33255095	9.979419	10.501277
49	9536644	31696657	33236697	9.979395	10.501013
48	9536119	31677387	33218321	9.979371	10.500749
47	9535594	31658139	33199966	9.979348	10.500485
46	9535068	31638912	33181633	9.979324	10.500221
45	9534542	31619706	33163320	9.979300	10.499958
44	9534015	31600521	33145029	9.979276	10.499694
43	9533488	31581358	33126759	9.979252	10.499431
42	9532961	31562216	33108510	9.979228	10.499167
41	9532434	31543094	33090282	9.979204	10.498904
40	9531906	31523994	33072076	9.979180	10.498641
39	9531379	31504915	33053890	9.979156	10.498378
38	9530850	31485856	33035725	9.979131	10.498115
37	9530322	31466819	33017582	9.979107	10.497853
36	9529793	31447801	32999459	9.979083	10.497590
35	9529264	31428807	32981357	9.979059	10.497328
34	9528735	31409832	32963276	9.979035	10.497065
33	9528205	31390878	32945216	9.979011	10.496803
32	9527675	31371945	32927176	9.978987	10.496541
31	9527145	31353033	32909158	9.978963	10.496279
30	9526615	31334141	32891160	9.978938	10.496018
29	9526084	31315270	32873182	9.978914	10.495756
28	9525553	31296419	32855226	9.978890	10.495494
27	9525021	31277589	32837290	9.978866	10.495233
26	9524490	31258780	32819374	9.978842	10.494972
25	9523958	31239991	32801479	9.978817	10.494711
24	9523426	31221223	32783605	9.978793	10.494450
23	9522893	31202475	32765751	9.978769	10.494189
22	9522360	31183747	32747917	9.978744	10.493928
21	9521827	31165040	32730104	9.978720	10.493667
20	9521294	31146353	32712311	9.978696	10.493407
19	9520760	31127686	32694539	9.978671	10.493147
18	9520226	31109040	32676787	9.978647	10.492886
17	9519692	31090414	32659055	9.978623	10.492626
16	9519157	31071808	32641343	9.978598	10.492366
15	9518622	31053223	32623651	9.978574	10.492106
14	9518087	31034657	32605980	9.978549	10.491847
13	9517552	31016112	32588329	9.978525	10.491587
12	9517016	30997586	32570698	9.978501	10.491328
11	9516480	30979081	32553087	9.978476	10.491068
10	9515944	30960596	32535496	9.978452	10.490809
9	9515407	30942130	32517925	9.978427	10.490550
8	9514870	30923685	32500374	9.978403	10.490291
7	9514333	30905259	32482843	9.978378	10.490032
6	9513796	30886854	32465331	9.978354	10.489773
5	9513258	30868468	32447840	9.978329	10.489515
4	9512720	30850102	32430368	9.978305	10.489256
3	9512182	30831756	32412917	9.978280	10.488998
2	9511643	30813429	32395484	9.978255	10.488740
1	9511104	30795122	32378072	9.978231	10.488482
0	9510565	30776835	32360680	9.978206	10.488224

M	Sinus.	Tang.	Secant	Lo. Sin.	Lo. Tan.
0	3090170	3249196	10514622	9.489902	9.511776
1	3091830	3251126	10515219	9.490215	9.512034
2	3093490	3253056	10515815	9.490528	9.512291
3	3095149	3254987	10516413	9.490841	9.512549
4	3096809	3256917	10517010	9.491154	9.512807
5	3098468	3258847	10517608	9.491467	9.513064
6	3100127	3260778	10518207	9.491779	9.513321
7	3101787	3262709	10518805	9.492092	9.513578
8	3103446	3264640	10519405	9.492404	9.513835
9	3105105	3266572	10520004	9.492717	9.514092
10	3106764	3268504	10520604	9.493029	9.514349
11	3108423	3270436	10521205	9.493340	9.514605
12	3110082	3272368	10521805	9.493652	9.514862
13	3111741	3274300	10522406	9.493963	9.515118
14	3113399	3276233	10523008	9.494275	9.515375
15	3115058	3278165	10523610	9.494586	9.515631
16	3116716	3280098	10524212	9.494897	9.515887
17	3118375	3282032	10524815	9.495208	9.516143
18	3120033	3283965	10525418	9.495519	9.516399
19	3121691	3285899	10526021	9.495830	9.516654
20	3123349	3287833	10526625	9.496140	9.516910
21	3125007	3289767	10527230	9.496451	9.517165
22	3126665	3291701	10527834	9.496761	9.517420
23	3128323	3293636	10528439	9.497071	9.517675
24	3129980	3295570	10529045	9.497381	9.517930
25	3131638	3297505	10529650	9.497691	9.518185
26	3133295	3299440	10530257	9.498001	9.518440
27	3134953	3301376	10530863	9.498311	9.518695
28	3136610	3303312	10531470	9.498620	9.518949
29	3138267	3305247	10532078	9.498930	9.519204
30	3139924	3307184	10532685	9.499239	9.519458
31	3141581	3309120	10533293	9.499548	9.519712
32	3143238	3311056	10533902	9.499857	9.519966
33	3144895	3312993	10534511	9.500166	9.520220
34	3146552	3314930	10535120	9.500474	9.520474
35	3148208	3316868	10535730	9.500783	9.520728
36	3149865	3318805	10536340	9.501092	9.520982
37	3151521	3320743	10536951	9.501400	9.521235
38	3153178	3322681	10537562	9.501708	9.521488
39	3154834	3324619	10538173	9.502016	9.521742
40	3156490	3326557	10538785	9.502324	9.521995
41	3158146	3328496	10539397	9.502632	9.522248
42	3159802	3330434	10540009	9.502940	9.522501
43	3161458	3332373	10540622	9.503247	9.522753
44	3163114	3334313	10541235	9.503554	9.523006
45	3164769	3336252	10541849	9.503862	9.523259
46	3166425	3338192	10542463	9.504169	9.523511
47	3168081	3340132	10543077	9.504476	9.523763
48	3169736	3342072	10543692	9.504783	9.524016
49	3171391	3344012	10544307	9.505090	9.524268
50	3173046	3345953	10544923	9.505396	9.524520

M.	Sinus.	Tangen.	Secant.	Lo. Sin.	Log. Tan.
100	9510656	30776835	32360680	9.978206	10.488224
99	9510025	30758568	32343807	9.978181	10.487966
98	9509486	30740320	32325953	9.978157	10.487708
97	9508946	30722091	32308620	9.978132	10.487451
96	9508405	30703883	32291305	9.978107	10.487193
95	9507865	30685693	32274011	9.978083	10.486936
94	9507324	30667523	32256736	9.978058	10.486679
93	9506783	30649373	32239480	9.978033	10.486421
92	9506241	30631242	32222244	9.978009	10.486164
91	9505699	30613131	32205027	9.977984	10.485908
90	9505157	30595038	32187829	9.977959	10.485651
89	9504615	30576965	32170651	9.977934	10.485394
88	9504072	30558912	32153493	9.977910	10.485138
87	9503529	30540877	32136353	9.977885	10.484881
86	9502986	30522862	32119233	9.977860	10.484625
85	9502442	30504866	32102132	9.977835	10.484369
84	9501899	30486889	32085050	9.977810	10.484113
83	9501354	30468931	32067987	9.977785	10.483857
82	9500810	30450993	32050943	9.977760	10.483601
81	9500265	30433073	32033919	9.977736	10.483346
80	9499720	30415173	32016913	9.977711	10.483090
79	9499175	30397291	31999927	9.977686	10.482835
78	9498629	30379428	31982959	9.977661	10.482579
77	9498084	30361585	31966010	9.977636	10.482324
76	9497537	30343760	31949081	9.977611	10.482069
75	9496991	30325954	31932170	9.977586	10.481814
74	9496444	30308167	31915278	9.977561	10.481559
73	9495897	30290399	31898405	9.977536	10.481305
72	9495350	30272649	31881551	9.977511	10.481050
71	9494802	30254918	31864715	9.977486	10.480796
70	9494255	30237206	31847899	9.977461	10.480541
69	9493706	30219513	31831101	9.977436	10.480287
68	9493158	30201838	31814321	9.977411	10.480033
67	9492609	30184182	31797561	9.977385	10.479779
66	9492060	30166545	31780819	9.977360	10.479525
65	9491511	30148925	31764095	9.977335	10.479272
64	9490961	30131326	31747390	9.977310	10.479018
63	9490411	30113744	31730704	9.976285	10.478765
62	9489861	30096180	31714036	9.977260	10.478511
61	9489311	30078635	31697386	9.977234	10.478258
60	9488760	30061109	31680755	9.977209	10.478005
59	9488209	30043601	31664143	9.977184	10.477752
58	9487658	30026111	31647549	9.977159	10.477499
57	9487106	30008639	31630973	9.977134	10.477246
56	9486554	29991186	31614415	9.977108	10.476993
55	9486002	29973751	31597876	9.977083	10.476741
54	9485449	29956335	31581355	9.977058	10.476488
53	9484896	29938936	31564852	9.977032	10.476236
52	9484343	29921556	31548368	9.977007	10.475984
51	9483790	29904194	31531901	9.976982	10.475732
50	9483236	29886849	31515453	9.976956	10.475480

M	Sinns.	Tang.	Secant.	Lo. Sin.	Lo. Tan
50	3173046	3345953	10544923	9.501476	9.524521
51	3174701	3347894	10545539	9.501702	9.524772
52	3176356	3349835	10546155	9.501929	9.525023
53	3178011	3351776	10546772	9.502155	9.525275
54	3179666	3353718	10547389	9.502381	9.525526
55	3181321	3355659	10548007	9.502607	9.525778
56	3182975	3357601	10548625	9.502833	9.526029
57	3184630	3359544	10549243	9.503059	9.526280
58	3186284	3361486	10549862	9.503284	9.526531
59	3187939	3363429	10550481	9.503510	9.526782
60	3189593	3365372	10551101	9.503735	9.527033
61	3191247	3367315	10551721	9.503960	9.527284
62	3192901	3369258	10552341	9.504185	9.527534
63	3194555	3371202	10552962	9.504410	9.527784
64	3196208	3373145	10553583	9.504635	9.528035
65	3197863	3375089	10554204	9.504860	9.528285
66	3199516	3377034	10554826	9.505084	9.528535
67	3201170	3378978	10555448	9.505309	9.528785
68	3202823	3380923	10556071	9.505533	9.529035
69	3204476	3382868	10556694	9.505757	9.529285
70	3206130	3384813	10557318	9.505981	9.529532
71	3207783	3386758	10557942	9.506205	9.529784
72	3209436	3388704	10558566	9.506429	9.530033
73	3211089	3390650	10559191	9.506652	9.530283
74	3212742	3392596	10559816	9.506876	9.530532
75	3214394	3394542	10560441	9.507099	9.530781
76	3216047	3396489	10561067	9.507322	9.531030
77	3217700	3398436	10561693	9.507545	9.531279
78	3219352	3400382	10562320	9.507768	9.531528
79	3221004	3402330	10562947	9.507991	9.531776
80	3222657	3404277	10563574	9.508214	9.532025
81	3224309	3406225	10564202	9.508436	9.532273
82	3225961	3408173	10564830	9.508659	9.532521
83	3227613	3410121	10565459	9.508881	9.532770
84	3229265	3412070	10566088	9.509103	9.533018
85	3230917	3414018	10566717	9.509325	9.533266
86	3232568	3415967	10567347	9.509548	9.533514
87	3234220	3417916	10567978	9.509769	9.533761
88	3235871	3419866	10568608	9.509991	9.534009
89	3237523	3421815	10569239	9.510213	9.534256
90	3239174	3423765	10569871	9.510434	9.534504
91	3240825	3425715	10570502	9.510655	9.534751
92	3242476	3427665	10571135	9.510877	9.534998
93	3244127	3429616	10571767	9.511098	9.535245
94	3245778	3431567	10572400	9.511319	9.535492
95	3247429	3433518	10573034	9.511539	9.535739
96	3249080	3435469	10573667	9.511760	9.535986
97	3250730	3437420	10574302	9.511981	9.536232
98	3252381	3439372	10574936	9.512201	9.536479
99	3254031	3441324	10575571	9.512422	9.536725
	3255681	3443276	10576207	9.512642	9.536971

M	Sinus.	Tangen.	Secant.	Lo. Sin.	Lo. Tan.
50	9483236	29886849	31515453	9.976956	10.475480
49	9482682	29869523	31499024	9.976931	10.475228
48	9482128	29852216	31482611	9.976906	10.474976
47	9481574	29834926	31466217	9.976880	10.474725
46	9481019	29817654	31449841	9.976855	10.474473
45	9480464	29800400	31433483	9.976829	10.474222
44	9479908	29783164	31417142	9.976804	10.473971
43	9479353	29765946	31400820	9.976778	10.473719
42	9478797	29748745	31384516	9.976753	10.473468
41	9478240	29731563	31368230	9.976728	10.473218
40	9477684	29714399	31351961	9.976702	10.472967
39	9477127	29687252	31335711	9.976677	10.472716
38	9476570	29680123	31319478	9.976651	10.472465
37	9476012	29663012	31303263	9.976625	10.472215
36	9475455	29645918	31287065	9.976600	10.471965
35	9474897	29628842	31270886	9.976574	10.471714
34	9474339	29611784	31254724	9.976549	10.471464
33	9473780	29594743	31238579	9.976523	10.471214
32	9473221	29577720	31222453	9.976497	10.470965
31	9472662	29560715	31206343	9.976472	10.470715
30	9472103	29543727	31190252	9.976446	10.470465
29	9471543	29526757	31174178	9.976421	10.470216
28	9470983	29509804	31158121	9.976395	10.469966
27	9470423	29492868	31142082	9.976369	10.469717
26	9469862	29475950	31126061	9.976343	10.469468
25	9469301	29459050	31110057	9.976318	10.469219
24	9468740	29442167	31094070	9.976292	10.468970
23	9468178	29425301	31078100	9.976266	10.468721
22	9467617	29408452	31062148	9.976240	10.468472
21	9467055	29391621	31046214	9.976215	10.468223
20	9466492	29374807	31030296	9.976189	10.467975
19	9465930	29358010	31014396	9.976163	10.467726
18	9465367	29341230	30998513	9.976137	10.467478
17	9464804	29324468	30982647	9.976111	10.467230
16	9464240	29307723	30966799	9.976086	10.466982
15	9463676	29290995	30950967	9.976060	10.466734
14	9463112	29274284	30935153	9.976034	10.466486
13	9462548	29257590	30919355	9.976008	10.466238
12	9461983	29240913	30903575	9.975982	10.465991
11	9461419	29224253	30887812	9.975956	10.465743
10	9460853	29207610	30872066	9.975930	10.465496
9	9460288	29190984	30856337	9.975904	10.465249
8	9459722	29174375	30840625	9.975878	10.465001
7	9459156	29157783	30824930	9.975852	10.464754
6	9458590	29141207	30809251	9.975826	10.464507
5	9458023	29124649	30793590	9.975800	10.464261
4	9457456	29108107	30777945	9.975774	10.464014
3	9456889	29091582	30762317	9.975748	10.463767
2	9456321	29075074	30746706	9.975722	10.463521
1	9455754	29058583	30731112	9.975696	10.463274
0	9455186	29042109	30715535	9.975670	10.463028

M	Sinus.	Tang.	Secant.	Lo. Sin.	Lo Tan
0	3255681	3432276	10576209	9.512642	9.536972
1	3257332	3445228	10576842	9.512862	9.537218
2	3258982	3447181	10577479	9.513082	9.537464
3	3260632	3449134	10578115	9.513302	9.537710
4	3262282	3451087	10578752	9.513521	9.537956
5	3263931	3453040	10579390	9.113741	9.538201
6	3265581	3454994	10580027	9.513960	9.538447
7	3267231	3456947	10580667	9.514180	9.538693
8	3268880	3458902	10581304	9.514399	9.538938
9	3270529	3460856	10581943	9.514618	9.539183
10	3272179	3462810	10582582	9.514837	9.539429
11	3273828	3464765	10583222	9.515056	9.539674
12	3275477	3466720	10583862	9.515274	9.539919
13	3277126	3468675	10584503	9.515493	9.540173
14	3278775	3470631	10585144	9.515711	9.540408
15	3280424	3472586	10585785	9.515930	9.540653
16	3282072	3474542	10586427	9.516148	9.540897
17	3283721	3476498	10587069	9.516366	9.541142
18	3285369	3478455	10587712	9.516584	9.541386
19	3287018	3480411	10588355	9.516802	9.541630
20	3288666	3482368	10588998	9.517020	9.541874
21	3290314	3484325	10589642	9.517237	9.542119
22	3291963	3486283	10590286	9.517455	9.542362
23	3293611	3488240	10590931	9.517672	9.542606
24	3295258	3490198	10591576	9.517889	9.542850
25	3296906	3492156	10592221	9.518106	9.543093
26	3298554	3494114	10592867	9.518323	9.543337
27	3300202	3496073	10593513	9.518540	9.543580
28	3301849	3498032	10594160	9.518757	9.543824
29	3303496	3500991	10594807	9.518973	9.544067
30	3305144	3501950	10595454	9.519190	9.544310
31	3306791	3503909	10596102	9.519407	9.544553
32	3308438	3505869	10596750	9.519623	9.544796
33	3310085	3507829	10597399	9.519839	9.545038
34	3311732	3509789	10598048	9.520055	9.545281
35	3313379	3511750	10598697	9.520271	9.545523
36	3315025	3513711	10599347	9.520487	9.545766
37	3316672	3515671	10599997	9.520702	9.546008
38	3318318	3517633	10600648	9.520918	9.546250
39	3319965	3519594	10601299	9.521133	9.546492
40	3321611	3521556	10601950	9.521349	9.546734
41	3323257	3523518	10602602	9.521564	9.546976
42	3324903	3525480	10603254	9.521779	9.547218
43	3326549	3527442	10603907	9.521994	9.547460
44	3328195	3529405	10604560	9.522209	9.547701
45	3329841	3531368	10605214	9.522423	9.547943
46	3331486	3533331	10605867	9.522638	9.548184
47	3333132	3535294	10606522	9.522852	9.548425
48	3334778	3537258	10607176	9.523067	9.548667
49	3336423	3539221	10607831	9.523281	9.548908
50	3338068	3541186	10608487	9.523495	9.549149

M.	Sinus.	Tangen.	Secant.	Lo. Sin.	Lo. Tan.
100	9455186	29042109	30715535	9.975670	10.463028
99	9454617	29025651	30699974	9.975644	10.462782
98	9454049	29009210	30684430	9.975618	10.462536
97	9453480	28992785	30668902	9.975592	10.462290
96	9452910	28976377	30653392	9.975565	10.462044
95	9452341	28959986	30637898	9.975539	10.461798
94	9451771	28943611	30622420	9.975513	10.461553
93	9451201	28927253	30606959	9.975487	10.461307
92	9450631	28910911	30591515	9.975461	10.461062
91	9450060	28894586	30576087	9.975434	10.460816
90	9449489	28878277	30560675	9.975408	10.460571
89	9448918	28861984	30545280	9.975382	10.460326
88	9448346	28845708	30529902	9 975356	10.460081
87	9447774	28826449	30514539	9.975329	10.459836
86	9447202	28813206	30499194	9.975303	10.459591
85	9446630	28796979	30483864	9.975277	10.459347
84	9446057	28780768	30468551	9.975250	10 459102
83	9445484	28764564	30453254	9.975224	10.458858
82	9444911	28748396	30437974	9.975198	10.458613
81	9444337	28732234	30422710	9.975171	10.458369
80	9443764	28716088	30407462	9.975145	10.458125
79	9443189	28699959	30392230	9.975119	10.457881
78	9442615	28683845	30377014	9.975092	10.457637
77	9442040	28667748	30361815	9.975066	10.457393
76	9441465	28651667	30346631	9.975039	10.457150
75	9440890	28635602	30331464	9.975013	10.456906
74	9440314	28619533	30316313	9.974986	10.456663
73	9439739	28603520	30301178	9.974960	10.456419
72	9439162	28587503	30286059	9.974933	10.456176
71	9438586	28571502	30270955	9.974907	10.455933
70	9438009	28555517	30255868	9.974880	10.455690
69	9437432	28539548	30240797	9.974854	10.455447
68	9436855	28523595	30225742	9.974827	10.455204
67	9436277	28507658	30210702	9.974801	10.454961
66	9435700	28491736	30195679	9.974774	10.454719
65	9435121	28475831	30180671	9.974747	10.454476
64	9434543	28459941	30165680	9.974721	10.454234
63	9433964	28444067	30150704	9.974 94	10.453991
62	9433385	28428208	30135743	9.974667	10.453749
61	9432806	28412366	30120799	9.974641	10.453507
60	9432226	28396539	30105870	9.974614	10.453265
59	9431647	28380728	30090957	9.974587	10.453023
58	9431066	28364932	30076060	9.974561	10.452782
57	9430486	28349152	30061178	9.974534	10.452540
56	9429905	28333388	30046312	9.974507	10.452298
55	9429324	28317635	30031462	9.974480	10.452057
54	9428743	28301900	30016627	9.974454	10.451815
53	9428161	28286189	30001808	9.974427	10.451574
52	9427579	28270486	29987004	9.974400	10.451333
51	9426997	28254800	29972216	9.974373	10.451092
50	9426415	28239129	29957443	9.974346	10 450851

M	Sinus.	Tang	Secant	Lo. Sin.	Lo. Tan.
50	3338058	3541186	10603487	9.523495	9.549149
51	3339714	3543150	10609143	9.523709	9.549389
52	3341359	3545114	10609799	9.523923	9.549630
53	3343004	3547079	10610456	9.524137	9.549871
54	3344648	3549044	10611113	9.524350	9.550111
55	3346293	3551010	10611770	9.524564	9.550352
56	3347938	3552975	10612428	9.524777	9.550592
57	3349582	3554941	10613086	9.524990	9.550832
58	3351227	3556907	10613745	9.525204	9.551072
59	3352871	3558873	10614404	9.525417	9.551312
60	3354515	3560840	10615064	9.525630	9.551552
61	3356160	3562806	10615724	9.525842	9.551792
62	3357804	3564773	10616384	9.526055	9.552032
63	3359445	3566741	10617045	9.526268	9.552271
64	3361091	3568708	10617706	9.526480	9.552511
65	3362735	3570676	10618367	9.526692	9.552750
66	3364379	3572644	10619029	9.526905	9.552990
67	3366022	3574612	10619692	9.527117	9.553229
68	3367666	3576581	10620354	9.527329	9.553468
69	3369309	3578549	10621017	9.527541	9.553707
70	3370952	3580518	10621681	9.527752	9.553946
71	3372596	3582487	10622345	9.527964	9.554184
72	3374239	3584457	10623009	9.528176	9.554423
73	3375881	3586427	10623674	9.528387	9.554662
74	3377524	3588396	10624339	9.528598	9.554900
75	3379167	3590367	10625005	9.528809	9.555139
76	3380810	3592337	10625671	9.529021	9.555377
77	3382452	3594308	10626337	9.529231	9.555615
78	3384095	3596279	10627004	9.529442	9.555853
79	3385737	3598250	10627671	9.529653	9.556091
80	3387379	3600221	10628339	9.529864	9.556329
81	3389021	3602193	10629007	9.530074	9.556567
82	3390663	3604165	10629676	9.530284	9.556804
83	3392305	3606137	10630344	9.530494	9.557042
84	3393947	3608109	10631014	9.530705	9.557280
85	3395588	3610082	10631683	9.530915	9.557517
86	3397230	3612055	10632353	9.531124	9.557754
87	3398871	3614028	10633024	9.531334	9.557991
88	3400513	3616002	10633695	9.531544	9.558228
89	3402154	3617975	10634366	9.531754	9.558465
90	3403795	3619949	10635038	9.531963	9.558702
91	3405436	3621923	10635710	9.532173	9.558939
92	3407077	3623898	10636383	9.532382	9.559176
93	3408718	3625873	10637055	9.532591	9.559412
94	3410359	3627847	10637729	9.532800	9.559649
95	3412000	3629823	10638403	9.533009	9.559885
96	3413640	3631798	10639077	9.533218	9.560122
97	3415281	3633774	10639751	9.533426	9.560358
98	3416921	3635749	10640426	9.533635	9.560594
99	3418561	3637726	10641102	9.533843	9.560830
	3420201	3639702	10641778	9.534051	9.561066

M	Sinus.	Tangens.	Secant.	Lo. Sin	Lo Tan.
50	9426415	28239179	29957443	9.974346	10.450851
49	9425832	28223473	29942686	9.974320	10.450610
48	9425249	28207833	29927944	9.974293	10.450370
47	9424666	28192258	29913217	9.974266	10.450129
46	9424082	28176598	29898506	9.974239	10.449888
45	9423498	28161024	29883811	9.974212	10.449648
44	9422914	28145425	29869130	9.974185	10.449408
43	9422329	28129862	29854466	9.974158	10.449167
42	9421745	28114313	29839816	9.974131	10.448927
41	9421160	28098780	29825181	9.974104	10.448687
40	9420574	28083262	29810562	9.974077	10.448447
39	9419989	28067760	29795958	9.974050	10.448208
38	9419403	28052272	29781370	9.974023	10.447968
37	9418817	28036800	29766796	9.973996	10.447728
36	9418230	28021343	29752238	9.973969	10.447489
35	9417643	28005901	29737695	9.973942	10.447249
34	9417056	27990474	29723167	9.973915	10.447010
33	9416469	27975062	29708654	9.973888	10.446771
32	9415881	27959665	29694156	9.973861	10.446532
31	9415293	27944283	29679673	9.973834	10.446293
30	9414705	27928917	29665205	9.973807	10.446054
29	9414117	27913565	29650752	9.973779	10.445815
28	9413528	27898228	29636314	9.973752	10.445576
27	9412939	27882906	29621892	9.973725	10.445338
26	9412350	27867599	29607483	9.973698	10.445099
25	9411760	27852307	29593090	9.973671	10.444861
24	9411170	27837030	29578712	9.973643	10.444623
23	9410580	27821767	29564349	9.973616	10.444385
22	9409989	27806519	29550000	9.973589	10.444146
21	9409399	27791287	29535667	9.973562	10.443908
20	9408807	27776068	29521348	9.973534	10.443671
19	9408216	27760865	29507044	9.973507	10.443432
18	9407624	27745677	29492754	9.973480	10.443195
17	9407033	27730502	29478480	9.973452	10.442958
16	9406440	27715343	29464220	9.973425	10.442720
15	9405848	27700198	29449975	9.973398	10.442483
14	9405255	27685069	29435744	9.973370	10.442245
13	9404662	27669953	29421528	9.973343	10.442008
12	9404069	27654853	29407327	9.973316	10.441771
11	9403475	27639767	29393140	9.973288	10.441534
10	9402881	27624695	29378968	9.973261	10.441297
9	9402287	27609638	29364810	9.973233	10.441061
8	9401692	27594595	29350667	9.973206	10.440824
7	9401098	27579567	29336539	9.973178	10.440587
6	9400502	27564553	29322425	9.973151	10.440351
5	9399907	27549554	29308325	9.973123	10.440114
4	9399311	27534569	29294240	9.973096	10.439878
3	9398716	27519599	29280170	9.973068	10.439642
2	9398119	27504643	29266113	9.973040	10.439406
1	9397523	27489701	29252071	9.973013	10.439170
0	9396926	27474774	29238044	9.972986	10.438934

M	Sinus.	Tang.	Secant.	Lo. Sin.	Lo. Tan.
0	3420201	3639702	10641778	9.534051	9.561056
1	3421841	3641679	10642454	9.534260	9.561301
2	3423481	3643656	10643130	9.534468	9.561537
3	3425121	3645633	10643807	9.534676	9.561773
4	3426761	3647610	10644485	9.534138	9.562008
5	3428400	3649588	10645163	9.535091	9.562244
6	3430040	3651566	10645841	9.535299	9.562479
7	3431679	3653544	10646520	9.535507	9.562714
8	3433318	3655523	10647199	9.535714	9.562949
9	3434958	3657501	10647878	9.535921	9.563184
10	3436597	3659480	10648558	9.536123	9.563419
11	3438236	3661459	10649239	9.536335	9.563654
12	3439875	3663439	10649919	9.536542	9.563889
13	3441513	3665418	10650600	9.536743	9.564123
14	3443152	3667398	10651282	9.536956	9.564357
15	3444791	3669379	10651964	9.537163	9.564592
16	3446429	3671359	10652646	9.537369	9.564827
17	3448067	3673340	10653329	9.537576	9.565061
18	3449706	3675321	10654012	9.537782	9.565295
19	3451344	3677302	10654696	9.537988	9.565529
20	3452982	3679283	10655380	9.538194	9.565763
21	3454620	3681265	10656064	9.538400	9.565997
22	3456258	3683247	10656749	9.538605	9.566231
23	3457895	3685229	10657435	9.538812	9.566464
24	3459533	3687212	10658120	9.539017	9.566698
25	3461170	3689195	10658806	9.539223	9.566931
26	3462808	3691178	10659493	9.539428	9.567165
27	3464445	3693161	10660180	9.539634	9.567398
28	3466082	3695144	10660867	9.539839	9.567631
29	3467719	3697128	10661555	9.540044	9.567864
30	3469356	3699112	10662243	9.540247	9.568097
31	3470993	3701096	10662932	9.540454	9.568330
32	3472630	3703081	10663621	9.540658	9.568563
33	3474267	3705066	10664310	9.540863	9.568796
34	3475903	3707051	10665000	9.541057	9.569028
35	3477540	3709036	10665690	9.541272	9.569261
36	3479176	3711022	10666381	9.541476	9.569493
37	3480812	3713007	10667072	9.541680	9.569726
38	3482448	3714994	10667763	9.541885	9.569958
39	3484084	3716980	10668455	9.542088	9.570190
40	3485720	3718966	10669148	9.542292	9.570422
41	3487356	3720953	10669840	9.542496	9.570654
42	3488991	3722940	10670533	9.542700	9.570886
43	3490627	3724928	10671227	9.542903	9.571118
44	3492263	3726915	10671921	9.543107	9.571349
45	3493898	3728903	10672615	9.543310	9.571581
46	3495534	3730891	10673310	9.543513	9.571812
47	3497169	3732880	10674005	9.543716	9.572044
48	3498804	3734868	10674701	9.543919	9.572275
49	3500439	3736857	10675397	9.544122	9.572506
50	3502074	3738847	10676093	9.544325	9.572737

M.	Sinus.	Tangen.	Secant.	Lo. Sin.	Log. Tan.
100	9396926	27474774	29238044	9.972986	10.438934
99	9396329	27459861	29224031	9.972958	10.438698
98	9395732	27444962	29210032	9.972930	10.438462
97	9395134	27430078	29196047	9.972903	10.438227
96	9394536	27415208	29182077	9.972876	10.437991
95	9393938	27400352	29168121	9.972847	10.437756
94	9393339	27385510	29154179	9.972820	10.437521
93	9392740	27370682	29140251	9.972792	10.437285
92	9392141	27355869	29126338	9.972764	10.437050
91	9391542	27341069	29112438	9.972737	10.436815
90	9390942	27326284	29098553	9.972709	10.436580
89	9390342	27311513	29084682	9.972681	10.436346
88	9389742	27296756	29070826	9.972653	10.436111
87	9389142	27282013	29056983	9.972626	10.435876
86	9388541	27267284	29043154	9.972598	10.435642
85	9387940	27252569	29029339	9.972570	10.435407
84	9387338	27237868	29015538	9.972542	10.435173
83	9386737	27223181	29001752	9.972514	10.434939
82	9386135	27208508	28987979	9.972487	10.434705
81	9385533	27193849	28974220	9.972459	10.434470
80	9384930	27179204	28960475	9.972431	10.434237
79	9384327	27164573	28946744	9.972403	10.434003
78	9383724	27149955	28933027	9.972375	10.433769
77	9383121	27135352	28919324	9.972347	10.433535
76	9382517	27120762	28905635	9.972319	10.433302
75	9381913	27106186	28891959	9.972291	10.433068
74	9381309	27091624	28878298	9.972263	10.432835
73	9380704	27077075	28864650	9.972235	10.432602
72	9380100	27062541	28851016	9.972207	10.432368
71	9379495	27048020	28837395	9.972179	10.432135
70	9378889	27033513	28823789	9.972151	10.431902
69	9378283	27019019	28810196	9.972123	10.431669
68	9377678	27004539	28796617	9.972095	10.431437
67	9377071	26990073	28783051	9.972067	10.431204
66	9376465	26975620	28769499	9.972039	10.430971
65	9375858	26961181	28755961	9.972011	10.430739
64	9375251	26946756	28742436	9.971982	10.430506
63	9374644	26932344	28728925	9.971954	10.430274
62	9374036	26917946	28715428	9.971926	10.430042
61	9373428	26903561	28701944	9.971898	10.429810
60	9372820	26889189	28688473	9.971870	10.429578
59	9372211	26854832	28675017	9.971842	10.429346
58	9371602	26860487	28661573	9.971814	10.429114
57	9370993	26846156	28648143	9.971785	10.428882
56	9370384	26831839	28634727	9.971757	10.428650
55	9369774	26817535	28621324	9.971729	10.428419
54	9369164	26803244	28607934	9.971701	10.428187
53	9368554	26788967	28594558	9.971672	10.427956
52	9367944	26774703	28581195	9.971644	10.427724
51	9367333	26760452	28567845	9.971616	10.427493
50	9366722	26746215	28554509	9.971587	10.427262

M	Sinus.	Tang.	Secant.	Lo. Sin.	Lo Tan
50	3502074	3738847	10676093	9.544235	9.572757
51	3503700	3740836	10676790	9.544586	9.572908
52	3505343	3742826	10677488	9.544730	9.573059
53	3506978	3744816	10678185	9.544933	9.573210
54	3508612	3746806	10678883	9.545135	9.573361
55	3510246	3748796	10679582	9.545337	9.573512
56	3511880	3750787	10680281	9.545540	9.573662
57	3513515	3752778	10680980	9.545742	9.574353
58	3515149	3754769	10681680	9.545944	9.574563
59	3516782	3756761	10682380	9.546145	9.574813
60	3518416	3758753	10683081	9.546347	9.575044
61	3520050	3760745	10683782	9.546549	9.575274
62	3521684	3762737	10684483	9.546750	9.575504
63	3523317	3764730	10685185	9.546952	9.575734
64	3524950	3766722	10685888	9.547153	9.575963
65	3526584	3768716	10686590	9.547354	9.576193
66	3528217	3770709	10687294	9.547555	9.576423
67	3529850	3772702	10687997	9.547756	9.576652
68	3531483	3774696	10688701	9.547957	9.576882
69	3533116	3776690	10689405	9.548158	9.577111
70	3534748	3778685	10690110	9.548358	9.577341
71	3536381	3780680	10690815	9.548559	9.577570
72	3538013	3782675	10691521	9.548759	9.577799
73	3539646	3784670	10692227	9.548960	9.578028
74	3541278	3786665	10692934	9.549160	9.578257
75	3542910	3788661	10693641	9.549360	9.578486
76	3544542	3790657	10694348	9.549560	9.578714
77	3546174	3792653	10695056	9.549760	9.578942
78	3547806	3794650	10695764	9.549960	9.579172
79	3549438	3796646	10696472	9.550159	9.579400
80	3551069	3798643	10697181	9.550359	9.579628
81	3552701	3800641	10697891	9.550558	9.579857
82	3554332	3802638	10698601	9.550758	9.580085
83	3555964	3804636	10699311	9.550957	9.580313
84	3557595	3806634	10700022	9.551156	9.580541
85	3559226	3808633	10700733	9.551355	9.580769
86	3560857	3810631	10701444	9.551554	9.580996
87	3562489	3812630	10702156	9.551753	9.581223
88	3564119	3814629	10702868	9.551952	9.581452
89	3565749	3816629	10703581	9.552151	9.581680
90	3567380	3818628	10704294	9.552349	9.581907
91	3569010	3820628	10705008	9.552548	9.582135
92	3570641	3822629	10705722	9.552746	9.582362
93	3572271	3824629	10706437	9.552944	9.582589
94	3573901	3826630	10707152	9.553142	9.582816
95	3575531	3828631	10707867	9.553340	9.583043
96	3577161	3830632	10708583	9.553538	9.583270
97	3578791	3832634	10709299	9.553736	9.583497
98	3580420	3834636	10710015	9.553934	9.583724
99	3582050	3836638	10710732	9.554131	9.583951
	3583679	3838640	10711450	9.554329	9.584177

M	Sinus	Tangens	Secans	Lo. Sin	Lo. Tan.
50	9366722	26746215	28554509	9.971507	10.427262
49	9366110	26731991	28541186	9.971559	10.427031
48	9365499	26717780	28527877	9.971531	10.426800
47	9364887	26703582	28514581	9.971502	10.426569
46	9364274	26689398	28501298	9.971474	10.426339
45	9363662	26675227	28488028	9.971446	10.426108
44	9363049	26661069	28474771	9.971417	10.425877
43	9362436	26646924	28461528	9.971389	10.425647
42	9361823	26632793	28448298	9.971360	10.425417
41	9361209	26618674	28435081	9.971332	10.425186
40	9360595	26604569	28421877	9.971303	10.424956
39	9359981	26590476	28408686	9.971275	10.424726
38	9359366	26576397	28395508	9.971246	10.424496
37	9358752	26562331	28382344	9.971218	10.424266
36	9358137	26548278	28369192	9.971189	10.424036
35	9357521	26534238	28356054	9.971161	10.423806
34	9356906	26520211	28342928	9.971132	10.423577
33	9356290	26506197	28329816	9.971103	10.423347
32	9355673	26492195	28316716	9.971075	10.423118
31	9355057	26478207	28303630	9.971046	10.422888
30	9354440	26464232	28290556	9.971018	10.422659
29	9353823	26450270	28277495	9.970989	10.422430
28	9353206	26436320	28264448	9.970960	10.422201
27	9352588	26422383	28251413	9.970932	10.421972
26	9351970	26408460	28238391	9.970903	10.421743
25	9351352	26394549	28225382	9.970874	10.421514
24	9350733	26380656	28212386	9.970845	10.421285
23	9350115	26366765	28199403	9.970817	10.421057
22	9349496	26352893	28186432	9.970788	10.420828
21	9348876	26339033	28173474	9.970759	10.420600
20	9348257	26325186	28160529	9.970730	10.420371
19	9347637	26311351	28147597	9.970702	10.420143
18	9347016	26297530	28134677	9.970673	10.419915
17	9346396	26283721	28121770	9.970644	10.419687
16	9345775	26269924	28108876	9.970615	10.419459
15	9345154	26256141	28095995	9.970586	10.419231
14	9344533	26242369	28083126	9.970557	10.419003
13	9343911	26228611	28070270	9.970529	10.418775
12	9343289	26214865	28057426	9.970500	10.418547
11	9342667	26201132	28044595	9.970471	10.418320
10	9342045	26187411	28031777	9.970442	10.418092
9	9341422	26173702	28018971	9.970413	10.417865
8	9340799	26160007	28006178	9.970384	10.417638
7	9340175	26146324	27993397	9.970355	10.417410
6	9339552	26132653	27980629	9.970326	10.417183
5	9338928	26118995	27967873	9.970297	10.416956
4	9338304	26105349	27955130	9.970268	10.416729
3	9337679	26091716	27942398	9.970239	10.416502
2	9337054	26078095	27929680	9.970210	10.416276
1	9336429	26064487	27916974	9.970181	10.416049
0	9335804	26050890	27904281	9.970152	10.415822

M.	Sinus.	Tang.	Secant.	Lo. Sin.	Lo. Tan
0	3583679	3836640	10711450	9.554329	9.584177
1	3585309	3840643	10712168	9.554526	9.584404
2	3586938	3842646	10712886	9.554724	9.584630
3	3588567	3844649	10713605	9.554921	9.584857
4	3590196	3846652	10714324	9.555118	9.585083
5	3591825	3848656	10715043	9.555315	9.585309
6	3593454	3850660	10715763	9.555512	9.585535
7	3595082	3852664	10716484	9.555709	9.585761
8	3596711	3854669	10717204	9.555905	9.585987
9	3598340	3856674	10717926	9.556102	9.586213
10	3599968	3858679	10718647	9.556298	9.586438
11	3601596	3860684	10719369	9.556495	9.586664
12	3603224	3862690	10720092	9.556691	9.586890
13	3604852	3864695	10720815	9.556887	9.587115
14	3606480	3866702	10721538	9.557083	9.587340
15	3608108	3868708	10722262	9.557279	9.587566
16	3609736	3870715	10722986	9.557475	9.587791
17	3611363	3872722	10723711	9.557671	9.588016
18	3612991	3874729	10724436	9.557867	9.588241
19	3614618	3876736	10725161	9.558062	9.588466
20	3616246	3878744	10725887	9.558258	9.588691
21	3617873	3880752	10726613	9.558453	9.588916
22	3619500	3882761	10727340	9.558648	9.589140
23	3621127	3884769	10728067	9.558844	9.589365
24	3622753	3886778	10728795	9.559039	9.589590
25	3624380	3888787	10729523	9.559234	9.589814
26	3626007	3890797	10730251	9.559428	9.590038
27	3627633	3892806	10730980	9.559623	9.590263
28	3629260	3894816	10731710	9.559818	9.590487
29	3630886	3896826	10732439	9.560012	9.590711
30	3632512	3898837	10733169	9.560207	9.590935
31	3634138	3900848	10733900	9.560401	9.591159
32	3635764	3902859	10734631	9.560596	9.591383
33	3637390	3904870	10735362	9.560790	9.591606
34	3639016	3906882	10736094	9.560984	9.591830
35	3640641	3908893	10736827	9.561178	9.592054
36	3642267	3910906	10737559	9.561372	9.592277
37	3643892	3912918	10738292	9.561565	9.592501
38	3645517	3914931	10739026	9.561759	9.592724
39	3647143	3916944	10739760	9.561953	9.592947
40	3648768	3918957	10740494	9.562146	9.593170
41	3650393	3920970	10741229	9.562339	9.593393
42	3652017	3922984	10741965	9.562533	9.593616
43	3653642	3924998	10742700	9.562726	9.593839
44	3655267	3927013	10743436	9.562919	9.594062
45	3656891	3929027	10744173	9.563112	9.594285
46	3658516	3931042	10744910	9.563305	9.594508
47	3660140	3933057	10745647	9.563498	9.594730
48	3661764	3935073	10746385	9.563690	9.594953
49	3663388	3937089	10747124	9.563883	9.595175
50	3665012	3939105	10747862	9.564075	9.595397

M	Sinus.	Tangen.	Secant.	Lo. Sin.	Lo. Tan.
100	9335804	26050890	27904281	9.970152	10.415822
99	9335178	26037307	27891599	9.970122	10.415596
98	9334552	26023735	27878931	9.970093	10.415369
97	9333926	26010176	27866275	9.970064	10.415143
96	9333300	25996629	27853630	9.970035	10.414917
95	9332673	25983095	27840999	9.970006	10.414691
94	9332046	25969572	27828379	9.969977	10.414465
93	9331419	25956062	27815772	9.969947	10.414239
92	9330791	25942565	27803177	9.969918	10.414013
91	9330163	25929079	27790594	9.969889	10.413787
90	9329535	25915606	27778024	9.969860	10.413561
89	9328907	25902144	27765466	9.969831	10.413336
88	9328278	25888695	27752920	9.969801	10.413110
87	9327649	25875258	27740386	9.969772	10.412884
86	9327020	25861834	27727864	9.969743	10.412659
85	9326390	25848421	27715354	9.969713	10.412434
84	9325760	25835020	27702857	9.969684	10.412209
83	9325130	25821632	27690372	9.969655	10.411983
82	9324499	25808256	27677898	9.969625	10.411758
81	9323869	25794891	27665437	9.969596	10.411534
80	9323238	25781539	27652988	9.969567	10.411309
79	9322607	25768199	27640551	9.969537	10.411084
98	9321975	25754870	27628126	9.969508	10.410859
77	9321343	25741554	27615713	9.969478	10.410635
76	9320711	25728250	27603312	9.969449	10.410410
75	9320078	25714957	27590923	9.969419	10.410186
74	9319446	25701677	27578546	9.969390	10.409961
73	9318813	25688408	27566180	9.969360	10.409737
72	9318179	25675151	27553827	9.969331	10.409513
71	9317546	25661906	27541486	9.969301	10.409289
70	9316912	25648673	27529156	9.969272	10.409065
69	9316278	25635452	27516839	9.969242	10.408841
68	9315644	25622243	27504533	9.969213	10.408617
67	9315009	25609046	27492239	9.969183	10.408393
66	9314374	25595860	27479957	9.969153	10.408170
65	9313739	25582686	27467687	9.969124	10.407946
64	9313103	25569524	27455428	9.969094	10.407722
63	9312467	25556373	27443182	9.969065	10.407499
62	9311831	25543235	27430947	9.969035	10.407276
61	9311195	25530108	27418723	9.969005	10.407052
60	9310558	25516992	27406512	9.968976	10.406829
59	9309921	25503889	27394312	9.968946	10.406606
58	9309284	25490797	27382124	9.968916	10.406383
57	9308646	25477716	27369948	9.968886	10.406160
56	9308008	25464648	27357783	9.968857	10.405937
55	9307370	25451591	27345630	9.968827	10.405715
54	9306732	25438545	27333488	9.968797	10.405492
53	9306093	25425511	27321358	9.968767	10.405269
52	9305454	25412489	27309240	9.968737	10.405047
51	9304815	25399479	27297133	9.968708	10.404825
50	9304175	25386479	27285038	9.968678	10.404602

M	Sinus.	Tang	Secant	Lo. Sin.	Lo. Tan.
51	3666636	3341121	10743601	9.564268	9.595620
52	3668260	3343137	10743341	9.564460	9.595842
53	3669883	3345154	10750061	9.564652	9.596064
54	3671507	3347171	10750321	9.564844	9 596286
55	3673130	3349189	10751562	9.565036	9.596508
56	3674753	3351206	10752303	9.565228	9.596730
57	3676377	3353224	1075 045	9.565420	.596951
58	3678000	3355243	10753787	9.565611	2.597173
59	3679623	3357261	10754530	9.565803	9.5973.5
60	3681245	3359280	10755273	9.565995	9.5.7610
61	3682868	3361299	10756016	9.566186	9.597837
62	3684491	3363318	10756760	9.566377	9.598059
63	3686113	3365338	10757504	9.566568	9.5982 0
64	3687735	3367358	10758249	9.566760	9.598501
65	3689358	3369378	10758994	9.566951	9 598722
66	3690980	3371398	10759740	9.567142	9.598943
67	3692602	3373419	10760485	9.567332	9.599164
68	3694224	3375440	10761232	9.567523	9.599385
69	3695846	3377462	10761979	9.5677 4	9.599000
70	3697467	3379483	10762727	9.567904	9.599826
71	3699089	3381505	10763474	9.568095	9.600047
72	3700710	3383527	10764222	9.568285	9.600268
73	3702332	3385550	10764971	9.568475	9. 00488
74	3703953	3387572	10765720	9.568665	9.600708
75	3705574	3389595	10766470	9.568855	9.600929
76	3707195	3391619	10767220	9.569045	9.601149
77	3708815	3393642	10767970	9.569235	9. 01369
78	3710437	3395666	10768721	9.569425	9.601589
79	3712058	3397691	10769472	9.569615	9.601809
80	3713678	3399714	10770223	9.569804	9.602029
81	3715299	4001739	10770975	9.569994	9.602249
82	3716919	4003764	10771728	9.570183	9.602468
83	3718539	4005789	10772481	9.570372	9.602688
84	3720159	4007815	10773234	9.570561	9.602907
85	3721777	4009841	10773988	9.570750	9.603127
86	3723400	4011867	10774742	9.570939	9.603346
87	3725019	4013893	10775497	9.571128	9.603566
88	3726638	4015920	10776252	9.571317	9.603785
89	3728256	4017947	10777008	9.571506	9.604004
90	3729874	4019974	10777764	9.571694	9.604223
91	3731493	4022002	10778520	9.571883	9.604442
92	3733111	4024029	10779277	9.572071	9.604661
93	3734735	4026057	10780034	9.572260	9.604880
94	3736354	4028086	10780792	9.572448	9.605099
95	3737973	4030114	10781550	9.572636	9.605317
96	3739592	4032143	10782309	9.572824	9.605536
97	3741210	4034173	10783068	9.573012	9.605754
98	3742829	4036203	10783827	9.573200	9.605973
99	3744447	4038232	10784587	9.573388	9.606191
	3746066	4040262	10785347	9.573575	9.606409

M	Sinus.	Tange.	Secant.	Lo. Sin	Lo. Tan.
50	9304175	25386479	27285038	9.968678	10.404602
49	9303536	25373491	27272954	9.968648	10.404380
48	9302896	25360515	27260882	9.968618	10.404158
47	9302255	25347550	27248822	9.968588	10.403936
46	9301615	25334597	27236773	9.968558	10.403714
45	9300974	25321655	27224735	9.968528	10.403492
44	9300332	25308724	27212709	9.968498	10.403270
43	9299691	25295805	27200694	9.968468	10.403048
42	9299049	25282898	27188691	9.968438	10.402827
41	9298407	25270002	27176699	9.968408	10.402605
40	9297765	25257117	27164719	9.968378	10.402384
39	9297122	25244243	27152750	9.968348	10.402162
38	9296479	25231381	27140792	9.968318	10.401941
37	9295836	25218530	27128846	9.968288	10.401720
36	9295192	25205691	27116911	9.968258	10.401498
35	9294549	25192862	27104987	9.968228	10.401277
34	9293905	25180046	27093075	9.968198	10.401056
33	9293260	25167240	27081174	9.968168	10.400835
32	9292616	25154445	27069284	9.968138	10.400615
31	9291971	25141662	27057405	9.968108	10.400394
30	9291326	25128890	27045538	9.968077	10.400173
29	9290680	25116129	27033682	9.968047	10.399953
28	9290034	25103380	27021837	9.968017	10.399732
27	9289388	25090641	27010003	9.967987	10.399512
26	9288742	25077914	26998181	9.967957	10.399291
25	9288095	25065198	26986369	9.967926	10.399071
24	9287448	25052493	26974569	9.967896	10.398851
23	9286801	25039799	26962780	9.967866	10.398631
22	9286154	25027116	26951002	9.967836	10.398411
21	9285506	25014444	26939236	9.967805	10.398191
20	9284858	25001783	26927480	9.967775	10.397971
19	9284210	24989134	26915735	9.967745	10.397751
18	9283561	24976495	26904002	9.967714	10.397531
17	9282912	24963867	26892279	9.967684	10.397312
16	9282263	24951251	26880568	9.967654	10.397092
15	9281614	24938645	26868867	9.967623	10.396873
14	9280964	24926051	26857178	9.967593	10.396653
13	9280314	24913467	26845499	9.967562	10.396434
12	9279664	24900894	26833832	9.967532	10.396215
11	9279013	24888332	26822175	9.967502	10.395996
10	9278362	24875781	26810529	9.967471	10.395777
9	9277711	24863241	26798895	9.967441	10.395558
8	9277060	24850712	26787271	9.967410	10.395339
7	9276408	24838194	26775658	9.967380	10.395120
6	9275756	24825686	26764056	9.967349	10.394901
5	9275104	24813190	26752465	9.967319	10.394682
4	9274451	24800704	26740884	9.967288	10.394464
3	9273799	24788229	26729315	9.967257	10.394245
2	9273145	24775764	26717756	9.967227	10.394027
1	9272492	24763311	26706208	9.967196	10.393809
0	9271838	24750868	26694671	9.967166	10.393590

M	Sin.	Tang.	Secant.	Lo. Sin.	Lo. Tan
0	3746366	4040262	10785347	9.573137	9.606409
1	3747634	4042232	10786108	9.573763	9.606623
2	3749302	4044323	10786859	9.573350	9.606836
3	3750970	4046354	10787631	9.574138	9.607054
4	3752538	4048385	10788393	9.574325	9.607262
5	3754156	4050417	10789155	9.574512	9.607500
6	3755773	4052449	10789918	9.574699	9.607717
7	3757391	4054481	10790682	9.574886	9.607935
8	3759008	4056513	10791445	9.575073	9.608153
9	3760625	4058546	10792210	9.575260	9.608370
10	3762242	4060579	10792974	9.575447	9.608565
11	3763859	4062612	10793740	9.575633	9.608805
12	3765476	4064646	10794505	9.575820	9.609022
13	3767093	4066679	10795271	9.576006	9.609240
14	3768710	4068713	10796038	9.576193	9.609457
15	3770326	4070746	10796804	9.576379	9.609674
16	3771943	4072783	10797572	9.576565	9.609891
17	3773559	4074818	10798339	9.576751	9.610108
18	3775176	4076853	10799108	9.576937	9.610325
19	3776792	4078888	10799876	9.577123	9.610542
20	3778408	4080924	10800645	9.577309	9.610756
21	3780024	4082960	10801415	9.577494	9.610973
22	3781639	4084997	10802185	9.577680	9.611192
23	3783255	4087034	10802955	9.577865	9.611406
24	3784871	4089071	10803726	9.578051	9.611624
25	3786486	4091108	10804497	9.578236	9.611841
26	3788101	4093145	10805269	9.578421	9.612057
27	3789716	4095187	10806041	9.578607	9.612273
28	3791332	4097221	10806814	9.578792	9.612489
29	3792947	4099260	10807587	9.578977	9.612705
30	3794561	4101299	10808360	9.579161	9.612921
31	3796176	4103338	10809134	9.579346	9.613137
32	3797791	4105377	10809906	9.579531	9.613353
33	3799405	4107417	10810683	9.579715	9.613569
34	3801020	4109457	10811456	9.579900	9.613784
35	3802634	4111497	10812234	9.580084	9.614000
36	3804247	4113537	10813010	9.580269	9.614215
37	3805862	4115578	10813787	9.580453	9.614431
38	3807476	4117619	10814564	9.580637	9.614646
39	3809090	4119661	10815341	9.580821	9.614861
40	3810704	4121702	10816119	9.581005	9.615076
41	3812317	4123744	10816897	9.581189	9.615292
42	3813931	4125787	10817676	9.581373	9.615507
43	3815544	4127829	10818455	9.581556	9.615722
44	3817157	4129872	10819235	9.581740	9.615936
45	3818770	4131915	10820015	9.581923	9.616151
46	3820383	4133959	10820795	9.582107	9.616366
47	3821996	4136002	10821576	9.582290	9.616581
48	3823609	4138046	10822358	9.582473	9.616795
49	3825222	4140091	10823140	9.582656	9.617010
50	3826834	4142135	10823922	9.582839	9.617225

M.	Sinus.	Tangen.	Secant.	Lo Sin.	Log. Tan
100	9271838	24750868	26694671	9.967166	10.393590
99	9271184	24738436	26683145	9.967133	10.393372
98	9270530	24726015	26671630	9.967104	10.393154
97	9269876	24713605	26660125	9.967074	0.392936
96	9269221	24701205	26648631	9.967043	10.392718
95	9268566	24688816	26637147	9.967012	10.392500
94	9267910	24676437	26625675	9.966982	10.392282
93	9267255	24664070	26614213	9.966951	10 392065
92	9266599	24651712	26602762	9.966920	10.391847
91	9265943	24639366	26591321	9.966889	10.391629
90	9265286	24627030	26579891	9.966859	10.391412
89	9264629	24614705	26568472	9.966828	10.391194
88	9263972	24602390	26557063	9.966797	10.390977
87	9263315	24590086	26545665	9.966766	10.390760
86	9262657	24577792	26534277	9.966735	10.390543
85	9261999	24565509	26522900	9.966705	10.390326
84	9261341	24553237	26511534	9.966674	10.390109
83	9260683	24540975	26500178	9.966643	10.389892
82	9260024	24528723	26488833	9.966612	10.389675
81	9259365	24516482	26477498	9.966581	10.389458
80	9258706	24504252	26466174	9.966550	10.389241
79	9258046	24492032	26454860	9.966519	10.389025
78	9257386	24479822	26443557	9.966488	10.388808
77	9256725	24467623	26432264	9.966457	10.388592
76	9256066	24455434	26420981	9.966426	10.388375
75	9255405	24443256	26409709	9.966395	10.388159
74	9254744	24431088	26398448	9.966364	10.387943
73	9254083	24418930	26387197	9.966333	10.387726
72	9253421	24406783	26375956	9.966302	10.387510
71	9252759	24394646	26364725	9.966271	10.387294
70	9252097	24381519	26353505	9.966240	10.387078
69	9251435	24370403	26342296	9.966209	10.386863
68	9250772	24358297	26331096	9.966178	10.386647
67	9250109	24346201	26319907	9.966147	10.386431
66	9249446	24334116	26308728	9.966116	10.386215
65	9248782	24322041	26297560	9.966084	10.386000
64	9248118	24309976	26286402	9.966053	10.385784
63	9247454	24297921	26275254	9.966022	10.385569
62	9246790	24285877	26264116	9.965991	10.385354
61	9246125	24273842	26252989	9.965960	10.385138
60	9245460	24261818	26241872	9.965928	10.384923
59	9244795	24249805	26230766	9.965897	10.384708
58	9244129	24237801	26219668	9.965866	10.384493
57	9243464	24225807	26208581	9.965835	10.384278
56	9242798	24213824	26197505	9.965803	10.384063
55	9242131	24201851	26186439	9.965772	10.383848
54	9241465	24189887	26175382	9.965741	10.383634
53	9240798	24177934	26164336	9.965709	10.383419
52	9240130	24165991	26153301	9.965678	10.383204
51	9239463	24154058	26142275	9.965647	10.382990
50	9238795	24142135	26131260	9.965615	10.382775

M.	Sinns.	Lang	Secant.	Lo.Sin.	Lo.Tin
50	3826834	4142135	10823922	9.582.32	9.617224
51	3827447	4144180	10824705	9.583022	9.617456
52	3830059	4146226	10825488	9.583225	9.617693
53	3831671	4148271	10826271	9.583308	9.617867
54	3833283	4150317	10827055	9.583571	9.618081
55	3834895	4152363	10827840	9.583753	9.618295
56	3836507	4154409	10828625	9.583935	9.618509
57	3838119	4156456	10829410	9.584118	9.618723
58	3839730	4158503	10830196	9.584301	9.618937
59	3841342	4160550	10830982	9.584483	9.619151
60	3842953	4162598	10831769	9.584665	9.619364
61	3844564	4164646	10832556	9.584847	9.619578
62	3846175	4166694	10833344	9.585029	9.619791
63	3847786	4168743	10834132	9.585211	9.620005
64	3849397	4170791	10834920	9.585393	9.620218
65	3851008	4172840	10835709	9.585574	9.620432
66	3852619	4174890	10836499	9.585756	9.620645
67	3854229	4176940	10837288	9.585937	9.620858
68	3855840	4178990	10838079	9.586119	9.621071
69	3857450	4181040	10838869	9.586300	9.621284
70	3859060	4183090	10839661	9.586481	9.621497
71	3860670	4185141	10840452	9.586663	9.621710
72	3862280	4187192	10841244	9.586844	9.621923
73	3863890	4189244	10842037	9.587025	9.622135
74	3865500	4191296	10842830	9.587205	9.622348
75	3867109	4193348	10843623	9.587385	9.622561
76	3868719	4195400	10844417	9.587567	9.622773
77	3870328	4197453	10845211	9.587748	9.622986
78	3871938	4199506	10846006	9.587928	9.623199
79	3873547	4201559	10846801	9.588109	9.623411
80	3875156	4203613	10847597	9.588289	9.623623
81	3876765	4205667	10848393	9.588469	9.623836
82	3878373	4207721	10849189	9.588649	9.624047
83	3879982	4209775	10849986	9.588830	9.624259
84	3881591	4211830	10850784	9.589010	9.624471
85	3883199	4213885	10851582	9.589189	9.624683
86	3884807	4215941	10852380	9.589369	9.624894
87	3886415	4217996	10853179	9.589549	9.625106
88	3888024	4220052	10853978	9.589729	9.625317
89	3889631	4222109	10854778	9.589908	9.625528
90	3891239	4224165	10855578	9.590088	9.625741
91	3892847	4226222	10856378	9.590267	9.625952
92	3894455	4228279	10857179	9.590446	9.626163
93	3896062	4230337	10857981	9.590625	9.626373
94	3897669	4232395	10858783	9.590805	9.626586
95	3899277	4234453	10859585	9.590984	9.626797
96	3900884	4236511	10860388	9.591163	9.627008
97	3902491	4238570	10861191	9.591342	9.627219
98	3904095	4240629	10861995	9.591520	9.627430
99	3905704	4242688	10862799	9.591699	9.627641
	3907311	4244748	10863604	9.591878	9.627852

M	Sinus	Tangens	Secans.	Lo. Sin.	Lo. Tan.
50	9238795	24142135	26131259	9.965615	10.382775
49	9238127	24130223	25120253	9.965584	10.382561
48	9237459	24118320	26109258	9.965552	10.382347
47	9236790	24106427	26098272	9.965521	10.382133
46	9236121	24094544	26087297	9.965489	10.381919
45	9235452	24082671	26076331	9.965458	10.381704
44	9234783	24070809	26065376	9.965426	10.381490
43	9234113	24058956	26054431	9.965395	10.381277
42	9233443	24047113	26043495	9.965363	10.381063
41	9232773	24035280	26032570	9.965332	10.380849
40	9232102	24023457	26021654	9.965300	10.380635
39	9231431	24011644	26010748	9.965269	10.380422
38	9230760	23999840	25999853	9.965237	10.380208
37	9230089	23988047	25988967	9.965206	10.379995
36	9229417	23976264	25978091	9.965174	10.379781
35	9228745	23964490	25967225	9.965142	10.379568
34	9228073	23952726	25956369	9.965111	10.379355
33	9227400	23940972	25945523	9.965079	10.379142
32	9226727	23929228	25934686	9.965047	10.378928
31	9226054	23917494	25923860	9.965016	10.378715
30	9225381	23905769	25913043	9.964984	10.378503
29	9224707	23894055	25902236	9.964952	10.378290
28	9224033	23882350	25891439	9.964921	10.378077
27	9223359	23870654	25880652	9.964889	10.377864
26	9222684	23858969	25869874	9.964857	10.377651
25	9222010	23847293	25859106	9.964825	10.377439
24	9221334	23835627	25848348	9.964794	10.377226
23	9220659	23823971	25837600	9.964762	10.377014
22	9219983	23812324	25826862	9.964730	10.376802
21	9219308	23800687	25816133	9.964698	10.376589
20	9218631	23789060	25805413	9.964666	10.376377
19	9217955	23777442	25794704	9.964634	10.376165
18	9217276	23765834	25784004	9.964602	10.375953
17	9216601	23754236	25773314	9.964571	10.375741
16	9215924	23742647	25762633	9.964539	10.375529
15	9215246	23731068	25751963	9.964507	10.375317
14	9214568	23719498	25741301	9.964475	10.375105
13	9213890	23707938	25730650	9.964443	10.374894
12	9213212	23696388	25720007	9.964411	10.374682
11	9212533	23684847	25709375	9.964379	10.374470
10	9211854	23673315	25698752	9.964347	10.374259
9	9211175	23661793	25688139	9.964315	10.374047
8	9210495	23650281	25677535	9.964283	10.373836
7	9209815	23638778	25666941	9.964251	10.373625
6	9209135	23627285	25656356	9.964219	10.373414
5	9208455	23615801	25645781	9.964187	10.373202
4	9207774	23604327	25635215	9.964154	10.372991
3	9207093	23592862	25624659	9.964122	10.372780
2	9206412	23581406	25614112	9.964090	10.372570
1	9205730	23569960	25603574	9.964058	10.372359
0	9205048	23558523	25593046	9.964026	10.372148

M	Sinus	Tang.	Secant.	Lo. Sin.	Lo Tan.
0	3907211	4241743	10357501	9.591873	9.627852
1	3908716	4246633	10354409	9.592056	9.628062
2	3910524	4248868	10355214	9.592235	9.628327
3	3912130	4250929	10356022	9.592413	9.628484
4	3913736	4252990	10356826	9.592591	9.628694
5	3915342	4255051	10357623	9.592770	9. 28905
6	3916945	4257112	10358441	9.592948	9.629115
7	3918554	4259174	10359248	9.593126	9. 29325
8	3920160	4261236	10370057	9.593304	9. 29535
9	3921765	4263299	10 70865	9.593481	9.629746
10	3923371	4265361	10871671	9.593659	9.629956
11	3924975	4267424	10872484	9.593837	9.630166
12	3926582	4269488	10873294	9.594014	9.630376
13	3928187	4271551	10874104	9.594192	9.630585
14	3929792	4273615	10874915	9.594369	9.630795
15	3931396	4275679	10 75727	9.594547	9.631005
16	3933001	4277744	10876530	9.594724	9.631215
17	3934605	4278809	10877351	9.594901	9.631424
18	3936210	4281874	10878165	9.595078	9.631634
19	3937815	4283939	10878977	9.595255	9.631843
20	3939419	4286005	10879790	9.595432	9.632053
21	3941023	4288071	10880604	9.595609	9.632262
22	3942627	4290139	10881419	9.595786	9.632471
23	3944231	4292201	10882234	9.595962	9.632 68
24	3945835	4294272	10883049	9.596139	9.63288
25	3947438	4296339	10883865	9.596315	9.633090
26	3949042	4298407	10884682	9.596 92	9.633307
27	3950645	4300474	10 5498	9.596668	9.633516
28	3952249	4302543	10886316	9.596844	9.633725
29	3953852	4304611	10887134	9.597020	9.633934
30	3955455	4306680	10887952	9.597196	9.634142
31	3957058	4308749	10888770	9.597372	9.634351
32	3958661	4310819	10889589	9.597548	9.634560
33	3960263	4312889	10890409	9.597724	9.634768
34	3961866	4314959	10891229	9.597900	9.634976
35	3963468	4317029	10892049	9.598075	9.635185
36	3965071	4319100	10892870	9.598251	9.635393
37	3966673	4321171	10893692	9.598426	9.635601
38	3968275	4323243	10894513	9.598602	9.635809
39	3969877	4325314	10895336	9.598777	9.636017
40	3971479	4327386	10 96158	9.598952	9.636225
41	3973080	4329459	10896982	9.599127	9.636433
42	3974682	4331531	10897805	9.599302	9.636641
43	3976284	4333604	10 98629	9.599477	9.636849
44	3977885	4335677	10899454	9.599652	9.637057
45	3979486	4337751	10900279	9.599827	9.637265
46	3981087	4339825	10901104	9.600002	9.637472
47	3982688	4341899	10901930	9.600171	9.637680
48	3984289	4343974	10 02757	9. 00351	9.637887
49	3985890	4346048	10903584	9.600525	9.638095
50	3987490	4348124	10904411	9.600699	9.638302

M	Sinus.	Tangen	Secant.	Lo. Sin.	Lo. Tan.
100	9205048	23558523	25593046	9.964225	10.372148
99	9204566	23547096	25582528	9.963994	10.371937
98	9203084	23535678	25572019	9.963962	10.371727
97	9203001	23524270	25561519	9.963929	10.371516
96	9202318	23512871	25551029	9.963897	10.371305
95	9201635	23501481	25540548	9.963865	10.371095
94	9200952	23490100	25530077	9.963833	10.370885
93	9200268	23478729	25519615	9.963800	10.370674
92	9199584	23467367	25509162	9.963768	10.370464
91	9198899	23456015	25498718	9.963736	10.370254
90	9198215	23444672	25488284	9.963703	10.370044
89	9197530	23433338	25477859	9.963671	10.369834
88	9196845	23422013	25467444	9.963639	10.369624
87	9196159	23410698	25457038	9.963605	10.369414
86	9195474	23399391	25446641	9.963574	10.369204
85	9194787	23388095	25436253	9.963542	10.368995
84	9194101	23376807	25425875	9.963509	10.368785
83	9193415	23365528	25415505	9.963477	10.368575
82	9192728	23354259	25405145	9.963444	10.368366
81	9192041	23342999	25394795	9.963412	10.368156
80	9191353	23331748	25384453	9.963379	10.367947
79	9190665	23320506	25374121	9.963347	10.367738
78	9189976	23309275	25363796	9.963314	10.367529
77	9189289	23298050	25353484	9.963282	10.367319
76	9188601	23286835	25343179	9.963249	10.367110
75	9187912	23275630	25332883	9.963217	10.366901
74	9187223	23264434	25322596	9.963184	10.366692
73	9186533	23253247	25312319	9.963151	10.366483
72	9185845	23242069	25302051	9.963119	10.366275
71	9185154	23230900	25291791	9.963086	10.366066
70	9184464	23219740	25281541	9.963054	10.365857
69	9183773	23208589	25271300	9.963021	10.365649
68	9183082	23197444	25261068	9.962988	10.365440
67	9182391	23186315	25250845	9.962956	10.365232
66	9181700	23175191	25240631	9.962923	10.365023
65	9181008	23164076	25230426	9.962890	10.364815
64	9180316	23152970	25220230	9.962857	10.364607
63	9179625	23141873	25210044	9.962825	10.364398
62	9178932	23130785	25199865	9.962792	10.364190
61	9178239	23119706	25189697	9.962759	10.363982
60	9177546	23108636	25179537	9.962726	10.363774
59	9176853	23097575	25169386	9.962693	10.363566
58	9176159	23086523	25159244	9.962661	10.363358
57	9175465	23075480	25149111	9.962628	10.363151
56	9174771	23064445	25138987	9.962595	10.362943
55	9174077	23053420	25128871	9.962562	10.362735
54	9173382	23042403	25118765	9.962529	10.362528
53	9172687	23031396	25108667	9.962496	10.362320
52	9171992	23020397	25098579	9.962463	10.362113
51	9171296	23009407	25088499	9.962431	10.361905
50	9170601	22998425	25078428	9.962398	10.361698

M	Sinus.	Tang.	Secant	Lo. Sin.	Lo. Tan.
50	3987432	4341124	10230441	9.600699	9.638302
51	3989031	4350139	10235239	9.600874	9.638509
52	3990691	4352275	10236667	9.601046	9.638716
53	3992292	4354351	10236895	9.601222	9.638923
54	3993892	4356427	10237725	9.601396	9.639130
55	3995492	4358504	10238554	9.601570	9.639337
56	3997092	4360581	10239384	9.601744	9.639544
57	3998692	4362658	10240215	9.601918	9.639751
58	4000291	4364736	10241046	9.602091	9.639958
59	4001891	4366814	10241877	9.602265	9.640165
60	4003490	4368892	10242709	9.602439	9.640371
61	4005089	4370971	10243541	9.602612	9.640578
62	4006689	4373050	10244374	9.602785	9.640784
63	4008288	4375129	10245207	9.602959	9.640991
64	4009887	4377209	10246041	9.603132	9.641197
65	4011485	4379289	10246875	9.603305	9.641404
66	4013084	4381369	10247710	9.603478	9.641610
67	4014683	4383449	10248545	9.603651	9.641816
68	4016281	4385530	10249381	9.603824	9.642022
69	4017879	4387611	10250217	9.603997	9.642228
70	4019478	4389693	10251053	9.604169	9.642434
71	4021076	4391775	10251890	9.604342	9.642640
72	4022674	4393857	10252727	9.604515	9.642846
73	4024271	4395939	10253565	9.604687	9.643052
74	4025869	4398022	10254404	9.604859	9.643257
75	4027467	4400105	10255242	9.605032	9.643463
76	4029064	4402189	10256082	9.605204	9.643668
77	4030661	4404272	10256921	9.605376	9.643874
78	4032259	4406356	10257762	9.605548	9.644079
79	4033856	4408441	10258602	9.605720	9.644285
80	4035453	4410525	10259443	9.605892	9.644490
81	4037050	4412610	10260285	9.606064	9.644695
82	4038646	4414696	10261127	9.606236	9.644901
83	4040243	4416781	10261969	9.606407	9.645106
84	4041839	4418867	10262812	9.606579	9.645311
85	4043436	4420954	10263656	9.606750	9.645516
86	4045032	4423040	10264500	9.606922	9.645721
87	4046628	4425127	10265344	9.607093	9.645926
88	4048224	4427214	10266189	9.607264	9.646130
89	4049820	4429302	10267034	9.607436	9.646335
90	4051416	4431390	10267880	9.607607	9.646540
91	4053011	4433478	10268726	9.607778	9.646744
92	4054607	4435567	10269573	9.607949	9.646949
93	4056202	4437655	10270420	9.608119	9.647153
94	4057797	4439745	10271267	9.608290	9.647358
95	4059392	4441834	10272115	9.608461	9.647562
96	4060987	4443923	10272964	9.608631	9.647766
97	4062582	4446014	10273813	9.608802	9.647971
98	4064177	4448105	10274662	9.608972	9.648175
99	4065772	4450196	10275512	9.609143	9.648379
	4067366	4452287	10276366	9.609313	9.648583

M	Sinus.	Tangen.	Secant.	Lo. Sin	Lo. Tan.
50	9170601	22990825	25078423	9.962398	10.361698
49	9169904	22937433	25068366	9.962365	10.361491
48	9169208	22976439	25058313	9.962332	10.361283
47	9168511	22965534	25048269	9.962299	10.361076
46	9167815	22954588	25038233	9.962266	10.360869
45	9167117	22943651	25028205	9.962233	10.360662
44	9166420	22932722	25018185	9.962200	10.360455
43	9165722	22921803	25008179	9.962166	10.360249
42	9165024	22910891	24998179	9.962133	10.360042
41	9164326	22899989	24988187	9.962100	10.359835
40	9163627	22889095	24978204	9.962067	10.359628
39	9162928	22878210	24968230	9.962034	10.359422
38	9162229	22867334	24958265	9.962001	10.359215
37	9161530	22856467	24948308	9.961968	10.359009
36	9160830	22845608	24938360	9.961935	10.358803
35	9160130	22834757	24928420	9.961901	10.358596
34	9159430	22823916	24918490	9.961868	10.358390
33	9158729	22813083	24908568	9.961835	10.358184
32	9158028	22802258	24898654	9.961802	10.357978
31	9157327	22791443	24888750	9.961769	10.357772
30	9156626	22780636	24878854	9.961735	10.357566
29	9155924	22769837	24868966	9.961702	10.357360
28	9155222	22759047	24859087	9.961669	10.357154
27	9154520	22748265	24849217	9.961635	10.356948
26	9153817	22737493	24839356	9.961602	10.356742
25	9153115	22726729	24829502	9.961569	10.356537
24	9152412	22715973	24819658	9.961535	10.356331
23	9151708	22705226	24809822	9.961502	10.356125
22	9151005	22694487	24799995	9.961469	10.355920
21	9150301	22683757	24790176	9.961435	10.355715
20	9149596	22673035	24780365	9.961402	10.355509
19	9148892	22662322	24770564	9.961368	10.355304
18	9148187	22651617	24760770	9.961335	10.355099
17	9147482	22640921	24750986	9.961301	10.354894
16	9146777	22630233	24741209	9.961268	10.354689
15	9146071	22619553	24731441	9.961234	10.354484
14	9145366	22608882	24721682	9.961201	10.354279
13	9144659	22598220	24711931	9.961167	10.354074
12	9143953	22587566	24702189	9.961134	10.353869
11	9143246	22576920	24692454	9.961100	10.353664
10	9142539	22566282	24682727	9.961067	10.353460
9	9141832	22555653	24673012	9.961033	10.353255
8	9141125	22545033	24663303	9.960999	10.353051
7	9140417	22534420	24653602	9.960966	10.352846
6	9139709	22523817	24643910	9.960932	10.352642
5	9139000	22513221	24634227	9.960899	10.352437
4	9138292	22502634	24624551	9.960865	10.352233
3	9137582	22492055	24614886	9.960831	10.352029
2	9136874	22481484	24605226	9.960797	10.351825
1	9136164	22470922	24595575	9.960764	10.351621
0	9135454	22460368	24585933	9.960730	10.351417

M	Sinus.	Tang.	Secant.	Lo. Sin.	Lo Tan.
0	4067366	4452287	10946363	9.609313	9.648583
1	4068961	4454378	10947213	9.609463	9.648737
2	4070555	4456470	10948065	9.609613	9.648891
3	4072149	4458562	10948917	9.609763	9.649045
4	4073743	4460654	10949769	9.609913	9.649198
5	4075337	4462747	10950621	9.610063	9.649352
6	4076931	4464840	10951475	9.610213	9.649506
7	4078524	4466934	10952328	9.610363	9.649660
8	4080118	4469027	10953182	9.610513	9.649813
9	4081711	4471122	10954037	9.610662	9.649966
10	4083304	4473216	10954892	9.610812	9.650120
11	4084898	4475311	10955747	9.610961	9.650273
12	4086491	4477406	10956603	9.611110	9.650426
13	4088083	4479501	10957460	9.611260	9.650579
14	4089676	4481597	10958317	9.611409	9.650733
15	4091269	4483693	10959174	9.611558	9.650886
16	4092861	4485789	10960032	9.611707	9.651039
17	4094454	4487886	10960890	9.611856	9.651192
18	4096046	4489983	10961749	9.612005	9.651345
19	4097638	4492080	10962608	9.612153	9.651497
20	4099230	4494178	10963468	9.612302	9.651650
21	4100822	4496276	10964328	9.612451	9.651803
22	4102414	4498374	10965189	9.612599	9.651955
23	4104005	4500473	10966050	9.612748	9.652108
24	4105597	4502572	10966912	9.612896	9.652260
25	4107188	4504671	10967774	9.613044	9.652413
26	4108780	4506771	10968636	9.613193	9.652565
27	4110371	4508871	10969499	9.613341	9.652718
28	4111962	4510971	10970363	9.613489	9.652870
29	4113553	4513072	10971227	9.613637	9.653022
30	4115143	4515173	10972091	9.613785	9.653174
31	4116734	4517274	10972956	9.613933	9.653326
32	4118325	4519376	10973821	9.614080	9.653478
33	4119915	4521478	10974687	9.614228	9.653630
34	4121505	4523580	10975554	9.614376	9.653782
35	4123095	4525683	10976420	9.614523	9.653934
36	4124685	4527786	10977288	9.614671	9.654086
37	4126275	4529889	10978155	9.614818	9.654237
38	4127865	4531993	10979023	9.614965	9.654389
39	4129455	4534097	10979892	9.615113	9.654541
40	4131044	4536202	10980761	9.615260	9.654692
41	4132633	4538306	10981631	9.615407	9.654844
42	4134223	4540411	10982501	9.615554	9.654995
43	4135812	4542516	10983371	9.615701	9.655146
44	4137401	4544622	10984242	9.615848	9.655298
45	4138990	4546727	10985114	9.615994	9.655449
46	4140578	4548834	10985986	9.616141	9.655600
47	4142167	4550940	10986858	9.616287	9.655751
48	4143756	4553047	10987731	9.616434	9.655902
49	4145344	4555155	10988605	9.616580	9.656053
50	4146932	4557262	10989478	9.616727	9.656204

M.	Sinus.	Tangen.	Secant.	Lo. Sin.	Log. Tan.
100	9135454	22460368	24585933	9.960730	10.351417
99	9134744	22449822	24576299	9.960696	10.351213
98	9134034	22439284	24566674	9.960662	10.351009
97	9133323	22428755	24557057	9.960629	10.350805
96	9132613	22418234	24547448	9.960595	10.350601
95	9131901	22407721	24537847	9.960561	10.350397
94	9131190	22397216	24528255	9.960527	10.350194
93	9130478	22386720	24518671	9.960493	10.349990
92	9129766	22376232	24509095	9.960459	10.349787
91	9129054	22365752	24499527	9.960426	10.349583
90	9128342	22355280	24489968	9.960392	10.349380
89	9127629	22344816	24480417	9.960358	10.349177
88	9126916	22334361	24470874	9.960324	10.348973
87	9126202	22323913	24461337	9.960290	10.348770
86	9125489	22313474	24451812	9.960256	10.348567
85	9124775	22303043	24442294	9.960222	10.348364
84	9124061	22292620	24432783	9.960188	10.348161
83	9123346	22282205	24423281	9.960154	10.347958
82	9122631	22271798	24413787	9.960120	10.347755
81	9121916	22261400	24404301	9.960086	10.347552
80	9121201	22251009	24394823	9.960052	10.347350
79	9120485	22240626	24385353	9.960018	10.347147
78	9119770	22230252	24375892	9.959984	10.346944
77	9119053	22219885	24366438	9.959950	10.346742
76	9118337	22209527	24356993	9.959915	10.346539
75	9117620	22219177	24347555	9.959881	10.346337
74	9116903	22188834	24338126	9.959847	10.346134
73	9116186	22178500	24328704	9.959813	10.345932
72	9115469	22168174	24319291	9.959779	10.345730
71	9114751	22157855	24309886	9.959745	10.345528
70	9114033	22147545	24300488	9.959710	10.345325
69	9113314	22137242	24291099	9.959676	10.345123
68	9112596	22126948	24281718	9.959642	10.344921
67	9111877	22116661	24272345	9.959608	10.344719
66	9111157	22106383	24262979	9.959573	10.344517
65	9110438	22096112	24253622	9.959539	10.344316
64	9109718	22085849	24244272	9.959505	10.344114
63	9108998	22075595	24234931	9.959470	10.343912
62	9108278	22065348	24225597	9.959436	10.343711
61	9107557	22055109	24216272	9.959402	10.343509
60	9106836	22044877	24206954	9.959367	10.343307
59	9106115	22034654	24197644	9.959333	10.343106
58	9105394	22024439	24188342	9.959299	10.342905
57	9104672	22014231	24179048	9.959264	10.342703
56	9103950	22004031	24169762	9.959229	10.342502
55	9103228	21993840	24160484	9.959195	10.342301
54	9102505	21983655	24151213	9.959161	10.342100
53	9101783	21973479	24141951	9.959126	10.341899
52	9101060	21963312	24132696	9.959092	10.341698
51	9100337	21953150	24123449	9.959057	10.341497
50	9099613	21942997	24114210	9.959023	10.341296

M	Sinus.	Tang.	Secant.	L. Sin.	L. Tan
50	4146932	4557262	10989470	9.617[illegible]	9.658724
51	4148520	4559370	10990353	9.617093	9.658945
52	4150108	4561479	10991238	9.618059	9.659165
53	4151696	4563587	10992103	9.618225	9.659385
54	4153284	4565696	10992979	9.618391	9.659607
55	4154872	4567806	10993855	9.618557	9.659827
56	4156459	4569915	10994732	9.618723	9.660048
57	4158046	4572025	10995609	9.618889	9.660268
58	4159634	4574136	10996486	9.619055	9.660489
59	4161221	4576246	10997365	9.619221	9.660709
60	4162808	4578357	10998243	9.619385	9.660929
61	41643[illegible]5	4580469	10999122	9.619552	9.661150
62	4165981	4582580	11000002	9.619717	9.661370
63	4167568	4584692	11000882	9.619883	9.661590
64	4169154	4586805	11001762	9.620048	9.661810
65	4170741	4588917	11002643	9.620213	9.662030
66	4172327	4591030	11003525	9.620378	9.662250
67	4173913	4593144	11004407	9.620543	9.662470
68	4175499	4595257	11005289	9.620708	9.662690
69	4177085	4597372	11006172	9.620873	9.662909
70	4178671	4599486	11007055	9.621038	9.663129
71	4180256	4601601	11007939	9.621203	9.663349
72	4181842	4603716	11008824	9.621367	9.663569
73	4183427	4605831	11009708	9.621532	9.663788
74	4185012	4607947	11010594	9.621697	9.664008
75	4186597	4610063	11011479	9.621861	9.664227
76	4188182	4612179	11012366	9.622025	9.664447
77	4189767	4614296	11013252	9.622190	9.664665
78	4191352	4616413	11014139	9.622354	9.664884
79	4192936	4618531	11015027	9.622518	9.665104
80	4194521	4620648	11015915	9.622682	9.665323
81	4196105	4622767	11016804	9.622846	9.665542
82	4197689	4624885	11017693	9.623010	9.665761
83	4199273	4627004	11018583	9.623174	9.665980
84	4200857	4629123	11019473	9.623338	9.666199
85	4202441	4631243	11020363	9.623501	9.666417
86	4204025	4633362	11021254	9.623665	9.666636
87	4205608	4635483	11022146	9.623829	9.666855
88	4207191	4637603	11023038	9.623992	9.667073
89	4208775	4639724	11023930	9.624156	9.667292
90	4210358	4641845	11024823	9.624319	9.667510
91	4211941	4643967	11025716	9.624482	9.667729
92	4213524	4646089	11026610	9.624645	9.667947
93	4215107	4648211	11027505	9.624808	9.668166
94	4216689	4650334	11028400	9.624971	9.668384
95	4218272	4652457	11029295	9.625134	9.668602
96	4219854	4654580	11030191	9.625297	9.668820
97	4221436	4656703	11031087	9.625460	9.669038
98	4223019	4658827	11031984	9.625623	9.669256
99	4224601	4660952	11032881	9.625785	9.669474
—	4226182	4663076	11033779	9.625948	9.669692

M	Sinus	Tangens	Secant.	Lo. Sin	Lo. Tan.
50	9099613	21942997	24114210	9.959023	10.341236
49	9098689	21932852	24104979	9.958986	10.341095
48	9098164	21922715	24095755	9.958954	10.340894
47	9097440	21912585	24086539	9.958919	10.340693
46	9096715	21902463	24077332	9.958884	10.340493
45	9095990	21892349	24068131	9.958850	10.340292
44	9095265	21882243	24058939	9.958815	10.340092
43	9094539	21872144	24049754	9.958781	10.339891
42	9093813	21862053	24040577	9.958746	10.339691
41	9093087	21851970	24031408	9.958711	10.339490
40	9092361	21841894	24022247	9.958676	10.339290
39	9091634	21831825	24013093	9.958642	10.339090
38	9090907	21821766	24003947	9.958607	10.338889
37	9090180	21811713	23994809	9.958572	10.338690
36	9089452	21801669	23985678	9.958538	10.338490
35	9088725	21791631	23976555	9.958503	10.338290
34	9087997	21781602	23967440	9.958468	10.338090
33	9087268	21771580	23958332	9.958433	10.337890
32	9086540	21761565	23949232	9.958398	10.337690
31	9085811	21751558	23940140	9.958363	10.337490
30	9085082	21741559	23931055	9.958329	10.337290
29	9084352	21731567	23921978	9.958294	10.337091
28	9083622	21721583	23912908	9.958259	10.336891
27	9082892	21711607	23903846	9.958224	10.336692
26	9082162	21701638	23894792	9.958189	10.336492
25	9081432	21691677	23885745	9.958154	10.336293
24	9080701	21681723	23876706	9.958119	10.336094
23	9079970	21671777	23867675	9.958084	10.335894
22	9079238	21661838	23858651	9.958049	10.335695
21	9078507	21651906	23849634	9.958014	10.335496
20	9077775	21641983	23840625	9.957979	10.335297
19	9077042	21632066	23831624	9.957944	10.335098
18	9076310	21622158	23822630	9.957909	10.334899
17	9075577	21612256	23813644	9.957874	10.334700
16	9074844	21602362	23804665	9.957839	10.334501
15	9074111	21592476	23795693	9.957804	10.334302
14	9073377	21582597	23786729	9.957769	10.334104
13	9072643	21572726	23777773	9.957734	10.333905
12	9071909	21562862	23768824	9.957699	10.333706
11	9071175	21553005	23759883	9.957663	10.333508
10	9070440	21543156	23750948	9.957628	10.333309
9	9069705	21533314	23742022	9.957593	10.333111
8	9068970	21523479	23733103	9.957558	10.332912
7	9068234	21513652	23724191	9.957523	10.332714
6	9067498	21503833	23715287	9.957487	10.332516
5	9066762	21494020	23706390	9.957452	10.332317
4	9066026	21484215	23697500	9.957417	10.332119
3	9065289	21474418	23688618	9.957381	10.331921
2	9064552	21464628	23679743	9.957346	10.331723
1	9063815	21454845	23670876	9.957311	10.331525
0	9063078	21445069	23662016	9.957276	10.331327

M.	Sinus.	Tang.	Secant.	Lo. Sin.	Lo Tan.
0	4225182	4663276	11033779	9.625948	9.668672
1	4227004	4665201	11034077	9.626111	9.668870
2	4229346	4667327	11035576	9.626273	9.669068
3	4231927	4669452	11036475	9.626435	9.669266
4	4232509	4671579	11037375	9.626598	9.669463
5	4234090	4673705	11038275	9.626760	9.669661
6	4235671	4675832	11039176	9.626922	9.669859
7	4237252	4677959	11040077	9.627084	9.670056
8	4238833	4680086	11040978	9.627246	9.670254
9	4240413	4682214	11041881	9.627408	9.670451
10	4241994	4684342	11042783	9.627570	9.670648
11	4243574	4686471	11043686	9.627732	9.670846
12	4245155	4688599	11044590	9.627893	9.671043
13	4246735	4690729	11045494	9.628055	9.671240
14	4248315	4692858	11046398	9.628217	9.671437
15	4249895	4694988	11047303	9.628378	9.671634
16	4251475	4697118	11048209	9.628539	9.671831
17	4253054	4699249	11049115	9.628701	9.672028
18	4254634	4701380	11050021	9.628862	9.672225
19	4256213	703511	11050928	9.629023	9.672422
20	4257792	4705641	11051836	9.629184	9.672619
21	4259372	4707775	11052744	9.629345	9.672815
22	4260951	4709907	11053652	9.629506	9.673012
23	4262530	47 2040	11054561	9.629 67	9.673209
24	4264109	4714173	11055470	9.629828	9.673405
25	4265687	4716306	11056380	9.629989	9.673602
26	4267266	1718440	11057290	9.630150	9.6737 8
27	4268844	4720574	11058201	9.630310	9.67 995
28	4270422	4722706	11059113	9.630471	9.674 01
29	4272000	4724843	11060024	9.630631	9.674 07
30	4273578	4726978	11060937	9.630791	9.674 0
31	4275156	4729114	11061849	9.630952	9.6747
32	4276734	4731250	11062763	9.631112	9.67497
33	4278312	4733386	11063676	9.631272	9.675 2
34	4279889	4735522	11064591	9.631432	9.675368
35	4281467	4737659	11065505	9.631592	9.675564
36	4283044	4739797	11066421	9.631752	9.675760
37	4284621	4741934	10673336	9.631912	9.675956
38	4286198	4744072	11068253	9.632072	9.676151
39	4287774	4746210	11069169	9.632232	9.676347
10	4289351	4748349	11070086	9.632391	9.676542
11	4290928	4750488	11071004	9.632551	9.676738
12	4292504	4752627	11071922	9.632711	9.676934
43	4294080	4754767	11072841	9.632870	9.67712
44	4295657	4756907	11073760	9.633029	9. 7732
45	4297233	4759045	11074680	9.633189	9.67
46	4298808	4761188	11075600	9.633348	9.677715
47	4300384	4763330	11076520	9.633507	9.677911
48	4301960	4765471	11077442	9.633666	9.678106
49	4303535	4767613	11078363	9.633825	9. 78301
50	4305111	4769755	11079285	9.633984	9.67849

M	Sinus.	Tangen.	Secant.	Lo. Sin.	Lo. Tan
100	9063078	21445069	23662016	9. 957270	10. 331327
99	9062340	21435301	23653163	9. 957240	10. 331129
98	9061602	21425540	23644318	9. 957205	10. 330932
97	9060864	21415786	23635480	9. 957169	10. 330734
96	9060125	21406040	23626649	9. 957134	10. 330536
95	9059386	21396301	23617825	9. 957099	10. 330338
94	9058647	21386569	23609009	9. 957063	10. 330141
93	9057908	21376844	23600201	9. 957028	10. 329943
92	9057168	21367127	2359. 399	9. 956992	10. 329746
91	9056428	21357417	23582605	9. 956957	10. 329549
90	9055688	21347714	23573818	9. 956921	10. 329351
89	9054947	21338018	23565038	9. 956886	10. 329154
88	9054207	21328330	23556266	9. 956850	10. 328957
87	9053465	21318649	23547501	9. 956815	10. 328 59
86	9052724	21308975	23538743	9. 956779	10. 328562
85	9051983	21299308	23529992	9. 956744	10. 328365
84	9051241	21289648	23521248	9. 956708	10. 328168
83	9050498	21279996	23512512	9. 956672	10. 327971
82	9049756	21270351	23503783	9. 956637	10. 327774
81	9049013	21260712	23495061	9. 956601	10. 2757
80	9048270	21251082	23486346	9. 956566	10. 327381
79	9047527	21241458	23477639	9. 956530	10. 327184
78	9046784	21231841	23468938	9. 956494	10. 326987
77	9046040	21222231	23460245	9. 956458	10. 326791
76	9045296	21212629	23451559	9. 956423	10. 326594
75	9044551	21203034	23442880	9. 956387	10. 326398
74	9043807	21193445	23434209	9. 956351	10. 326 01
73	9043062	21183864	23425544	9. 956315	10. 326005
72	9042317	21174290	23416886	9. 956280	10. 325809
71	9041571	21164723	23408236	9. 956244	10. 325612
70	9040825	21155163	23399593	9. 956208	10. 325416
69	9040079	21145610	23390956	9. 956172	10. 325220
68	9039333	21136065	23382327	9. 956136	10. 325024
67	9038586	21126526	23373705	9. 956100	10. 324828
66	9037840	21116994	23365090	9. 956064	10. 324632
65	9037092	21107469	23356482	9. 956029	10. 324436
64	9036345	21097952	23347881	9. 955993	10. 324240
63	9035597	21088441	23339288	9. 955957	10. 324044
62	9034849	21078937	23330701	9. 955921	10. 23849
61	9034101	21069441	23322121	9. 955885	10. 323653
60	9033353	21059951	23313548	9. 955849	10. 323457
59	9032604	21050468	23304982	9. 955813	10. 323262
58	9031855	21040992	23296424	9. 955777	10. 323066
57	9031106	21031524	23287872	9. 955741	10. 322871
56	9030356	21022062	23279327	9. 955705	10. 322675
55	9029606	21012607	23270789	9. 955669	10. 322480
54	9028856	21003159	23262259	9. 955633	10. 322284
53	9028106	20993718	23253735	9. 955597	10. 322089
52	9027355	20984283	23245218	9. 955561	10. 321894
51	9026604	20974856	23236708	9. 955525	10. 321699
50	9025853	20965436	23228205	9. 955489	10. 321504

M	Sinus	Tang	Secant.	Lo. Sin.	Lo. Tan.
50	4305111	4769755	11137235	9.633984	9.678496
51	4306685	4771898	11103218	9.634143	9.678691
52	4308261	4774041	11071131	9.634302	9.678885
53	4309836	4776184	11082054	9.634461	9.679081
54	4311411	4778328	11082978	9.634619	9.679279
55	4312986	4780472	11083903	9.634778	9.679471
56	4314560	4782616	11084828	9.634936	9.679665
57	4316135	4784761	11085754	9.635095	9.679860
58	4317709	4786906	11086680	9.635253	9.680055
59	4319283	4789051	11087606	9.635412	9.680250
60	4320857	4791197	11088533	9.635570	9.680444
61	4322431	4793343	11089461	9.635728	9.680638
62	4324005	4795490	11090389	9.635886	9.680833
63	4325579	4797637	11091317	9.636044	9.681027
64	4327152	4799784	11092246	9.636202	9.681221
65	4328726	4801931	11093176	9.636360	9.681416
66	4330299	4804079	11094105	9.636518	9.681610
67	4331872	4806228	11095036	9.636675	9.681804
68	4333445	4808376	11095967	9.636833	9.681998
69	4335018	4810525	11096898	9.636991	9.682192
70	4336591	4812675	11097830	9.637148	9.682386
71	4338163	4814825	11098763	9.637306	9.682580
72	4339736	4816975	11099696	9.637463	9.682774
73	4341308	4819125	11100629	9.637620	9.682968
74	4342880	4821276	11101563	9.637778	9.683162
75	4344452	4823427	11102497	9.637935	9.683356
76	4346024	4825579	11103432	9.638092	9.683549
77	4347596	4827731	11104368	9.638249	9.683743
78	4349168	4829883	11105304	9.638406	9.683936
79	4350739	4832036	11106240	9.638563	9.684130
80	4352311	4834189	11107177	9.638720	9.684323
81	4353882	4836342	11108114	9.638876	9.684517
82	4355453	4838496	11109052	9.639033	9.684710
83	4357024	4840650	11109991	9.639190	9.684903
84	4358595	4842804	11110929	9.639346	9.685097
85	4360166	4844959	11111869	9.639503	9.685290
86	4361737	4847114	11112809	9.639659	9.685483
87	4363307	4849270	11113749	9.639816	9.685676
88	4364877	4851426	11114690	9.639972	9.685869
89	4366448	4853582	11115631	9.640128	9.686062
90	4368018	4855739	11116573	9.640284	9.686255
91	4369588	4857896	11117515	9.640440	9.686448
92	4371157	4860053	11118458	9.640596	9.686641
93	4372727	4862211	11119402	9.640752	9.686834
94	4374297	4864369	11120346	9.640908	9.687026
95	4375866	4866528	11121290	9.641064	9.687219
96	4377435	4868687	11122235	9.641220	9.687412
97	4379005	4870846	11123180	9.641375	9.687604
98	4380574	4873005	11124126	9.641531	9.687797
99	4382143	4875165	11125072	9.641686	9.687989
100	4383711	4877326	11126019	9.641842	9.688182

M	Sinus.	Tangen.	Secant.	Lo Sin	Lo.Tan.
50	9025853	20965436	23228205	9.955388	10.321504
49	9025101	20956022	23219709	9.955452	10.321307
48	9024349	20946616	23211219	9.955416	10.321114
47	9023597	20937216	23202737	9.955280	10.320919
46	9022845	20927823	23194262	9.955343	10.320724
45	9022092	20918437	23185795	9.955307	10.320529
44	9021339	20909056	23177332	9.955271	10.320334
43	9020586	20899686	23168877	9.955235	10.320140
42	9019833	20890320	23160429	9.955198	10.319945
41	9019079	20880962	23151988	9.955162	10.319750
40	9018325	20871610	23143554	9.955126	10.319556
39	9017571	20862265	23135127	9.955089	10.319361
38	9016816	20852927	23126706	9.955053	10.319167
37	9016061	20843595	23118293	9.955017	10.318972
36	9015306	20834271	23109886	9.954980	10.318778
35	9014551	20824953	23101486	9.954944	10.318584
34	9013795	20815642	23093093	9.954908	10.318390
33	9013039	20806337	23084707	9.954871	10.318195
32	9012283	20797040	23076327	9.954835	10.318001
31	9011527	20787749	23067954	9.954799	10.317807
30	9010770	20778465	23059588	9.954762	10.317613
29	9010013	20769188	23051229	9.954725	10.317419
28	9009256	20759917	23042876	9.954689	10.317225
27	9008498	20750653	23034531	9.954652	10.317031
26	9007740	20741396	23026192	9.954616	10.316838
25	9006982	20732146	23017860	9.954579	10.316644
24	9006224	20722902	23009534	9.954543	10.316450
23	9005465	20713665	23001215	9.954506	10.316257
22	9004706	20704434	22992903	9.954469	10.316063
21	9003947	20695210	22984598	9.954433	10.315870
20	9003188	20685993	22976299	9.954396	10.315676
19	9002428	20676783	22968007	9.954359	10.315483
18	9001668	20667579	22959722	9.954323	10.315289
17	9000907	20658382	22951443	9.954286	10.315096
16	9000147	20649191	22943171	9.954249	10.314903
15	8999386	20640007	22934906	9.954213	10.314710
14	8998625	20630830	22926647	9.954176	10.314517
13	8997863	20621659	22918395	9.954139	10.314323
12	8997102	20612495	22910150	9.954102	10.314130
11	8996340	20603338	22901911	9.954066	10.313937
10	8995577	20594187	22893679	9.954029	10.313744
9	8994815	20585043	22885453	9.953992	10.313552
8	8994052	20575905	22877235	9.953955	10.313359
7	8993288	20566774	22869022	9.953918	10.313166
6	8992525	20557649	22860816	9.953882	10.312973
5	8991762	20548531	22852617	9.953845	10.312781
4	8990998	20539419	22844425	9.953808	10.312588
3	8990234	20530313	22836239	9.953771	10.312395
2	8989470	20521215	22828059	9.953734	10.312203
1	8988705	20512124	22819886	9.953696	10.312010
0	8987940	20503038	22811720	9.953660	10.311818

M	Sinus.	Tang.	Secant.	Lo. Sin.	Lo. Tan.
0	4383711	4877326	11126019	9.[illegible]4 812	9.688182
1	4385280	4879486	11126367	9.6419 7	9.688374
2	4386848	4881647	11127914	9.642132	9.688566
3	4388417	4883809	11128663	9.642308	9.688758
4	4389985	4885971	11129412	9.642483	9.688951
5	4391553	4888133	11130761	9.642658	9.689143
6	4393121	4890295	11131711	9.642773	9.689335
7	4394689	4892458	11132661	9.642928	9.689527
8	4396257	4894622	11133612	9.643083	9.689719
9	4397824	4896785	11134563	9.643238	9.689911
10	4399391	4898949	11135515	9.643392	9.690103
11	4400959	4901114	11136468	9.643547	9.690295
12	4402526	4903278	11137421	9.643702	9.690486
13	4404093	4905444	11138374	9.643856	9.690678
14	4405660	4907609	11139328	9.644011	9.690870
15	4407227	4909775	11130282	9.644165	9.691061
16	4408793	4911941	11141237	9.644320	9.691253
17	4410360	4914108	11142192	9.644474	9.691444
18	4411926	4916275	11143148	9.644628	9.691636
19	4413492	4918442	11144105	9.644782	9.691827
20	4415058	4920610	11145062	9.644936	9.692019
21	4416624	4922778	11146019	9.645090	9.692210
22	4418190	4924946	11146977	9.645244	9.692401
23	4419756	4927115	11147933	9.645398	9.692593
24	4421321	4929284	11148894	9.645552	9.692784
25	4422887	4931454	11149854	9.645706	9.692975
26	4424452	4933624	11150814	9.645860	9.693160
27	4426017	4935794	11151774	9.646013	9.693357
28	4427582	4937965	11152735	9.646166	9.693548
29	4429147	4940136	11153696	9.646320	9.693739
30	4430712	4942308	11154658	9.646473	9.693930
31	4432276	4944479	11155621	9.646627	9.694120
32	4433841	4946652	11156584	9.646780	9.694311
33	4435405	4948824	11157547	9.646933	9.694502
34	4436969	4950997	11158511	9.647086	9.694693
35	4438533	4953171	11159476	9.647239	9.694883
36	4440097	4955344	11160441	9.647392	9.695074
37	4441661	4957518	11161406	9.647445	9.695264
38	4443225	4959693	11162372	9.647698	9.695455
39	4444788	4961868	11163339	9.647851	9.695645
40	4446352	4964043	11164306	9.648004	9.695835
41	4447915	4966219	11165273	9.648156	9.696025
42	4449478	4968394	11166241	9.648309	9.696216
43	4451041	4970571	11167210	9.648461	9.696406
44	4452603	4972748	11168179	9.648614	9.696596
45	4454166	4974925	11169148	9.648766	9.696786
46	4455729	4977102	11170118	9.648919	9.696976
47	4457291	4979280	11171089	9.649071	9.697166
48	4458854	4981458	11172060	9.649223	9.697356
49	4460416	4983637	11173032	9.649375	9.697546
50	4461978	4985816	11174004	9.649527	9.697736

M.	Sinus.	Tangen.	Secant.	Lo. Sin.	Log. Tan.
100	8987940	20503038	22811720	9·953660	10.311818
99	8987175	20493959	22803560	9·953623	10.311626
98	8986410	20484887	22795407	9·953586	10.311433
97	8985644	20475821	22787260	9·953549	10.311241
96	8984878	20466761	22779120	9·953512	10.311049
95	8984111	20457708	22770986	9·953475	10.310857
94	8983345	20448661	22762859	9·953438	10.310665
93	8982578	20439621	22754738	9·953401	10.310473
92	8981811	20430588	22746624	9·953364	10.310281
91	8981043	20421560	22738516	9·953327	10.310089
90	8980276	20412539	22730415	9·953289	10.309897
89	8979508	20403525	22722320	9·953252	10.309705
88	8978739	20394517	22714232	9·953215	10.309513
87	8977971	20385515	22706150	9·953178	10.309322
86	8977202	20376520	22698074	9·953141	10.309130
85	8976433	20367532	22690005	9·953104	10.308938
84	8975664	20358549	22681943	9·953066	10.308747
83	8974894	20349573	22673886	9·953029	10.308555
82	8974124	20340603	22665837	9·952992	10.308364
81	8973354	20331640	22657793	9·952955	10.308172
80	8972583	20322683	22649756	9·952917	10.307981
79	8971813	20313733	22641726	9·952880	10.307790
78	8971042	20304788	22633701	9·952843	10.307598
77	8970271	20295851	22625683	9·952805	10.307407
76	8969500	20286919	22617672	9·952768	10.307216
75	8968727	20277994	22609667	9·952731	10.307025
74	8967955	20269075	22601668	9·952693	10.306834
73	8967183	20260162	22593676	9·952656	10 306643
72	8966410	20251256	22585689	9·952618	10.306452
71	8965637	20242356	22577709	9·952581	10.306261
70	8964864	20233462	22569736	9·952544	10.306070
69	8964091	20224575	22561769	9·952506	10.305879
68	8963317	20215694	22553808	9·952469	10.305688
67	8962543	20206819	22545854	9·952431	10.305498
66	8961769	20197950	22537906	9·952394	10.30530
65	8960994	20189088	22529964	9·952356	10.305116
64	8960219	20180232	22522028	9·952318	10.304926
63	8959444	20171382	22514099	9·952281	10.304735
62	8958669	20162538	22506176	9·952243	10.304545
61	8957893	20153700	22498259	9·952206	10.304355
60	8957117	20144869	22490348	9·952168	10.304164
59	8956341	20136044	22482444	9·952130	10.303974
58	8955565	20127225	22474546	9·952093	10.303784
57	8954788	20118413	22466654	9·952055	10.303594
56	8954011	20109606	22458768	9·952017	10.303403
55	8953234	20100806	22450888	9·951980	10.303213
54	8952456	20092012	22443015	9·951942	10.303023
53	8951679	20083224	22435148	9·951904	10.302833
52	8950900	20074442	22427287	9·951867	10.302643
51	8950122	20065666	22419433	9·951829	10.302453
50	8949343	20056897	22411584	9·951791	10.302264

M	Sinus.	Tang.	Secant.	Lo. Sin.	Lo. Tan
50	4461978	4965816	11174004	). 9527	9.697736
51	4463540	4967915	11174970	9.649679	9.697926
52	4465102	4970175	11175949	9.649831	9.698116
53	4466663	4972355	11176923	9.649983	9.698305
54	4468225	4974536	11177897	9.650135	9.698495
55	4469786	4976717	11178872	9.650287	9.698685
56	4471347	4978895	11179847	9.650438	9.698874
57	4472908	5001080	11180823	9.650590	9.699064
58	4474469	5003262	11181799	9.650741	9.699253
59	4476030	5005444	11182775	9.650893	9.699442
60	4477591	5007627	11183753	9.651044	9.699632
61	4479151	5009810	11184730	9.651196	9.699821
62	4480712	5011994	11185709	9.651347	9.700010
63	4482272	5014177	11186687	9.651498	9.700200
64	4483832	5016362	11187667	9.651649	9.700389
65	4485392	5016547	11188646	9.651800	9.700578
66	4486952	5020732	11189627	9.651951	9.700767
67	4488511	5022917	11190607	9.652102	9.700956
68	4490071	5025103	11191589	9.652253	9.701145
69	4491630	5027288	11192570	9.652404	9.701334
70	4493190	5029476	11193553	9.652555	9.701523
71	4494749	5031663	11194536	9.652705	9.701711
72	4496308	5033850	11195519	9.652856	9.701900
73	4497867	5036038	11196503	9.653006	9.702089
74	4499426	5038226	11197487	9.653157	9.702277
75	4500984	5040415	11198472	9.653307	9.702466
76	4502543	5042604	11199458	9.653458	9.702655
77	4504101	5044793	11200443	9.653608	9.702843
78	4505659	5046983	11201430	9.653758	9.703032
79	4507217	5049173	11202417	9.653908	9.703220
80	4508775	5051363	11203404	9.654058	9.703409
81	4510333	5053554	11204392	9.654208	9.703597
82	4511891	5055745	11205381	9.654358	9.703785
83	4513448	5057937	11206370	9.654508	9.703973
84	4515006	5060129	11207359	9.654658	9.704161
85	4516563	5062321	11208349	9.654808	9.704350
86	4518120	5064514	11209340	9.654958	9.704538
87	4519677	5066707	11210331	9.655107	9.704726
88	4521234	5068901	11211323	9.655257	9.704914
89	4522790	5071095	11212315	9.655406	9.705102
90	4524347	5073289	11213307	9.655556	9.705289
91	4525903	5075484	11214300	9.655705	9.705477
92	4527460	5077679	11215294	9.655854	9.705665
93	4529016	5079875	11216288	9.656004	9.705853
94	4530572	5082071	11217283	9.656153	9.706041
95	4532128	5084267	11218278	9.656302	9.706228
96	4533683	5086464	11219274	9.656451	9.706416
97	4535239	5088661	11220270	9.656600	9.706603
98	4536794	5090858	11221267	9.656749	9.706791
99	4538350	5093056	11222264	9.656898	9.706978
	4539905	5095254	11223262	9.657047	9.707166

M	Sinus	Tangens	Secant.	Lo. Sin.	Lo. Tan.
50	8949343	20056897	22411584	9.951791	10.302264
49	8948565	20048134	22403742	9.951753	10.302074
48	8947785	20039376	22395906	9.951715	10.301884
47	8947006	20030625	22388076	9.951678	10.301694
46	8946226	20021880	22380252	9.951640	10.301505
45	8945446	20013141	22372434	9.951602	10.301315
44	8944666	20004409	22364623	9.951564	10.301126
43	8943885	19995682	22356818	9.951526	10.300936
42	8943105	19986961	22349018	9.951488	10.300747
41	8942322	19978247	22341225	9.951450	10.300557
40	8941542	19969538	22333438	9.951412	10.300368
39	8940761	19960836	22325658	9.951374	10.300179
38	8939979	19952140	22317882	9.951336	10.299989
37	8939196	19943449	22310114	9.951298	10.299800
36	8938414	19934765	22302351	9.951260	10.299611
35	8937631	19926087	22294595	9.951222	10.299422
34	8936848	19917415	22286844	9.951184	10.299233
33	8936065	19908749	22279100	9.951146	10.299044
32	8935282	19900089	22271362	9.951108	10.298855
31	8934498	19891435	22263629	9.951070	10.298666
30	8933714	19882787	22255903	9.951032	10.298477
29	8932929	19874145	22248182	9.950994	10.298288
28	8932145	19865509	22240468	9.950956	10.298099
27	8931360	19856878	22232760	9.950917	10.297911
26	8930575	19848254	22225058	9.950879	10.297722
25	8929789	19839636	22217362	9.950841	10.297534
24	8929004	19831024	22209672	9.950803	10.297345
23	8928218	19822418	22201988	9.950765	10.297156
22	8927431	19813818	22194309	9.950726	10.296968
21	8926645	19805223	22186637	9.950688	10.296780
20	8925858	19796635	22178971	9.950650	10.296591
19	8925071	19788053	22171311	9.950611	10.296403
18	8924284	19779476	22163657	9.950573	10.296215
17	8923496	19770905	22156008	9.950535	10.296026
16	8922708	19762341	22148366	9.950496	10.295838
15	8921920	19753782	22140730	9.950458	10.295650
14	8921132	19745229	22133099	9.950420	10.295462
13	8920343	19736682	22125475	9.950381	10.295274
12	8919554	19728141	22117856	9.950343	10.295086
11	8918765	19719606	22110243	9.950305	10.294898
10	8917975	19711077	22102636	9.950266	10.294710
9	8917185	19702553	22095036	9.950228	10.294522
8	8916395	19694036	22087441	9.950189	10.294335
7	8915605	19685524	22079852	9.950151	10.294147
6	8914814	19677018	22072268	9.950112	10.293959
5	8914023	19668518	22064691	9.950074	10.293771
4	8913232	19660024	22057120	9.950035	10.293584
3	8912441	19651535	22049554	9.949996	10.293396
2	8911649	19643052	22041994	9.949958	10.293209
1	8910857	19634576	22034440	9.949919	10.293021
0	8910065	19626105	22026892	9.949881	10.292834

M.	Sinus.	Tang.	Secant.	Lo. Sin.	Lo. Tan.
0	4539305	5095254	11223202	9.657047	9.707166
1	4541400	5097453	11224261	9.657195	9.707353
2	4543015	5099652	11225259	9.657344	9.707540
3	4544569	5101851	11226259	9.657493	9.707728
4	4546124	5104051	11227259	9.657641	9.707915
5	4547679	5106251	11228259	9.657790	9.708102
6	4549233	5108452	11229260	9.657938	9.708289
7	4550787	5110653	11230261	9.658086	9.708476
8	4552341	5112854	11231263	9.658235	9.708663
9	4553895	5115056	11232266	9.658383	9.708851
10	4555449	5117258	11233269	9.658531	9.709037
11	4557003	5119461	11234272	9.658679	9.709224
12	4558556	5121664	11235277	9.658827	9.709411
13	4560109	5123867	11236281	9.658975	9.709598
14	4561663	5126071	11237286	9.659123	9.709785
15	4563216	5128275	11238292	9.659271	9.709971
16	4564769	5130480	11239298	9.659419	9.710158
17	4566321	5132685	11240305	9.659566	9.710344
18	4567874	5134890	11241312	9.659714	9.710531
19	4569427	5137096	11242320	9.659862	9.710717
20	4570979	5139302	11243326	9.660009	9.710904
21	4572531	5141508	11244337	9.660157	9.711090
22	4574083	5143715	11245346	9.660304	9.711277
23	4575635	5145922	11246356	9.660451	9.711463
24	4577187	5148130	11247366	9.660598	9.711649
25	4578739	5150338	11248377	9.660746	9.711836
26	4580291	5152547	11249388	9.660893	9.712022
27	4581842	5154756	11250400	9.661040	9.712208
28	4583393	5156965	11251413	9.661187	9.712394
29	4584944	5159175	11252426	9.661334	9.712580
30	4586495	5161385	11253439	9.661481	9.712766
31	4588046	5163595	11254453	9.661628	9.712952
32	4589597	5165806	11255468	9.661774	9.713138
33	4591148	5168017	11256483	9.661921	9.713324
34	4592698	5170229	11257498	9.662068	9.713510
35	4594248	5172442	11258514	9.662214	9.713695
36	4595798	5174653	11259531	9.662361	9.713881
37	4597348	5176866	11260548	9.662507	9.714067
38	4598898	5179080	11261566	9.662654	9.714252
39	4600448	5181293	11262584	9.662800	9.714438
40	4601998	5183507	11263603	9.662946	9.714624
41	4603547	5185722	11264622	9.663092	9.714809
42	4605096	5187937	11265642	9.663239	9.714994
43	4606646	5190152	11266662	9.663385	9.715180
44	4608195	5192368	11267683	9.663531	9.715365
45	4609744	5194584	11268704	9.663677	9.715551
46	4611292	5196800	11269726	9.663822	9.715736
47	4612841	5199017	11270749	9.663968	9.715921
48	4614389	5201235	11271771	9.664114	9.716106
49	4615938	5203452	11272795	9.664260	9.716291
50	4617486	5205670	11273819	9.664405	9.716477

M	Sinus.	Tangen.	Secant.	Lo. Sin.	Lo. Tan.
100	8910065	19626105	22025892	9.949881	10.292834
99	8909273	19617640	22019350	9.949842	10.292647
98	8908480	19609180	22011814	9.949803	10.292459
97	8907687	19600727	22004283	9.949765	10.292272
96	8906893	19592279	21996759	9.949726	10.292085
95	8906100	19583837	21989240	9.949687	10.291898
94	8905306	19575401	21981727	9.949649	10.291710
93	8904512	19566970	21974220	9.949610	10.291523
92	8903717	19558545	21966718	9.949571	10.291336
91	8902923	19550126	21959222	9.949532	10.291149
90	8902128	19541713	21951732	9.949494	10.290962
89	8901333	19533306	21944248	9.949455	10.290776
88	8900537	19524904	21936770	9.949416	10.290589
87	8899741	19516508	21929297	9.949377	10.290402
86	8898945	19508118	21921830	9.949338	10.290215
85	8898149	19499733	21914369	9.949299	10.290028
84	8897353	19491354	21906914	9.949261	10.289842
83	8896556	19482981	21899464	9.949222	10.289655
82	8895759	19474613	21892021	9.949183	10.289469
81	8894961	19466252	21884582	9.949144	10.289283
80	8894164	19457895	21877150	9.949105	10.289096
79	8893366	19449545	21869723	9.949066	10.288909
78	8892567	19441200	21862302	9.949027	10.288723
77	8891769	19432861	21854887	9.948988	10.288537
76	8890970	19424527	21847477	9.948949	10.288350
75	8890171	19416200	21840073	9.948910	10.288164
74	8889372	19407877	21832675	9.948871	10.287978
73	8888572	19399561	21825283	9.948832	10.287792
72	8887773	19391250	21817896	9.948793	10.287606
71	8886972	19382945	21810514	9.948754	10.287420
70	8886172	19374645	21803139	9.948715	10.287234
69	8885371	19366351	21795769	9.948675	10.287048
68	8884571	19358062	21788405	9.948636	10.286862
67	8883769	19349779	21781046	9.948597	10.286676
66	8882968	19341502	21773693	9.948558	10.286490
65	8882166	19333230	21766346	9.948519	10.286304
64	8881364	19324964	21759004	9.948479	10.286119
63	8880562	19316704	21751668	9.948440	10.285933
62	8879760	19308449	21744337	9.948401	10.285747
61	8878957	19300199	21737012	9.948362	10.285562
60	8878154	19291955	21729693	9.948322	10.285376
59	8877350	19283717	21722379	9.948283	10.285191
58	8876547	19275484	21715071	9.948244	10.285005
57	8875743	19267257	21707768	9.948205	10.284820
56	8874939	19259035	21700471	9.948165	10.284634
55	8874134	19250819	21693180	9.948126	10.284450
54	8873330	19242609	21685894	9.948086	10.284264
53	8872525	19234403	21678613	9.948047	10.284079
52	8871719	19226204	21671339	9.948008	10.283893
51	8870914	19218010	21664069	9.947968	10.283708
50	8870108	19209821	21656806	9.947929	10.283523

M	Sinus.	Tang	Secant	Lo. Sin.	Lo. Tan.
52	46174 86	5205670	11273819	9.664405	9.716476
51	4619034	5207889	11 74844	9.664551	9.716662
52	4622582	5210108	11275869	9.664696	9.716847
53	4626130	5212327	1127685 5	9.664842	9.717031
54	4623677	5214547	11277921	9 664987	9.717216
55	4 25225	5216767	11278947	9.665133	9.717401
56	4620772	5218987	11279975	9.665278	9.717586
57	4628319	5221208	11281002	9.665423	9.717771
58	4629866	5223430	11282031	9.665560	9.717956
59	4631413	5225651	11283059	9.665713	9.718140
60	4632960	5227873	112 4089	9.665858	9.716325
61	4634507	5230096	11285119	9.666003	9.718509
62	4636053	5232319	11286149	9.666148	9.718694
63	4637600	5234542	11287180	9.666293	9.718879
64	4639146	5236766	11288211	9.666438	9.719003
65	4 40692	5238990	112 9243	9.666583	9.719247
66	4 42230	5241215	11291276	9.666727	9.719432
67	4 43784	5243440	11291309	9.666872	9.719616
68	4 45321	524,665	112923 3	9.667016	9.719000
69	4 4 0875	5247891	11293377	9.667161	9.7199 5
70	4 45410	5250117	1129 411	9. 67305	9.720109
71	4643965	5252344	11295447	9.667450	9.720593
72	4651511	5254571	11296482	9.667594	9.72053 7
73	4653056	5256798	11297519	9.667738	9.720721
74	4654600	5259026	11298555	9.667882	9.20905
75	4656145	5261254	1129 593	9.668026	9.721109
76	4657690	5263483	11300631	9.668170	9.721293
77	4659234	5265712	11301669	9.668314	9.72145
78	4660776	5267942	11302705	9.668458	9.721641
79	4662322	5270171	11303747	9.668602	9.721825
80	4663866	5272402	11304767	9.668746	9.722008
81	4665410	5274633	11305823	9.668890	9.722192
82	4666954	5276864	11300869	9.669033	9.722376
83	4668497	5279095	11307911	9.669177	9.722559
84	4670041	5281327	11308953	9.669320	9.722743
85	4671584	5283559	11309995	9.669464	9.722926
86	4673127	5285792	11311039	9.669607	9.723110
87	4 74670	5288002	11312082	9.669751	9.723293
88	4676213	5290259	11 13127	9.669894	9.723477
89	4677755	5292 95	11314172	9.670037	9.23660
90	467 29	5294727	11315217	9 670181	9.723043
91	4 80540	5296962	11310263	9.670324	9.724027
92	4681383	5299197	11317309	9.670467	9.724210
93	4683125	5301433	11313356	9.670610	9.24393
94	4684667	5303669	11319404	9.670753	9.724577
95	4687208	5305905	11320452	9.670896	9.724759
96	4688550	5308142	11321500	9.671038	9.724942
97	4690092	5310380	11322550	9.671181	9.725125
98	4691633	5312617	11323599	9.671324	9.725308
99	4693174	5314856	11324650	9.671467	9.725491
100	4694715	5317094	11325700	9. 71 09	9.72 74

M	Sinus.	Tangen.	Secant.	Lo. Sin	Lo. Tan.
50	8870108	19209821	21656806	9.947929	10.283523
49	8869302	19201638	21649547	9.947889	10.283338
48	8868496	19193460	21642295	9.947850	10.283153
47	8867689	19185288	21635047	9.947810	10.282968
46	8866882	19177121	21627806	9.947771	10.282783
45	8866075	19168960	21620570	9.947731	10.282598
44	8865268	19160804	21613339	9.947692	10.282414
43	8864460	19152654	21606114	9.947652	10.282229
42	8863652	19144509	21598894	9.947613	10.282044
41	8862844	19136370	21591680	9.947573	10.281859
40	8862036	19128236	21584471	9.947533	10.281675
39	8861227	19120107	21577268	9.947494	10.281490
38	8860418	19111984	21570070	9.947454	10.281306
37	8859609	19103866	21562878	9.947414	10.281121
36	8858799	19095755	21555691	9.947375	10.280937
35	8857989	19087647	21548509	9.947335	10.280752
34	8857179	19079545	21541333	9.947295	10.280568
33	8856369	19071449	21534163	9.947256	10.280383
32	8855558	19063358	21526997	9.947216	10.280199
31	8854747	19055273	21519838	9.947176	10.280015
30	8853936	19047193	21512684	9.947136	10.279831
29	8853125	19039118	21505535	9.947096	10.279647
28	8852313	19031049	21498391	9.947057	10.279463
27	8851501	19022985	21491253	9.947017	10.279278
26	8850689	19014927	21484121	9.946977	10.279094
25	8849876	19006873	21476993	9.946937	10.278910
24	8849063	18998826	21469871	9.946897	10.278727
23	8848250	18990783	21462755	9.946857	10.278543
22	8847437	18982746	21455644	9.946817	10.278359
21	8846623	18974714	21448538	9.946777	10.278175
20	8845810	18966687	21441437	9.946737	10.277991
19	8844995	18958666	21434342	9.946697	10.277808
18	8844181	18950650	21427252	9.946657	10.277624
17	8843366	18942640	21420168	9.946617	10.277440
16	8842551	18934634	21413089	9.946577	10.277257
15	8841736	18926634	21406015	9.946537	10.277073
14	8840921	18918640	21398947	9.946497	10.276890
13	8840105	18910650	21391884	9.946457	10.276706
12	8839289	18902666	21384826	9.946417	10.276523
11	8838473	18894687	21377773	9.946377	10.276340
10	8837656	18886713	21370726	9.946337	10.276156
9	8836839	18878745	21363684	9.946297	10.275973
8	8836022	18870782	21356648	9.946257	10.275790
7	8835205	18862824	21349616	9.946216	10.275607
6	8834387	18854871	21342590	9.946176	10.275424
5	8833569	18846924	21335569	9.946136	10.275240
4	8832751	18838981	21328554	9.946096	10.275057
3	8831933	18831044	21321544	9.946056	10.274874
2	8831114	18823112	21314539	9.946016	10.274691
1	8830295	18815186	21307539	9.945975	10.274508
0	8829476	18807264	21300544	9.945935	10.274325

M	Sinus.	Tang.	Secant.	Lo. Sin.	Lo. Tan.
0	4694715	5317094	11325700	9.671609	9.725674
1	4696256	5319333	11326752	9.671752	9.725857
2	4697797	5321572	11327803	9.671894	9.726040
3	4699338	5323812	11328856	9.672036	9.726223
4	4700878	5326052	11329909	9.672179	9.726405
5	4702419	5328293	11330962	9.672321	9.726588
6	4703959	5330534	11332016	9.672463	9.726771
7	4705499	5332776	11333071	9.672606	9.726953
8	4707039	5335018	11334126	9.672748	9.727136
9	4708579	5337260	11335182	9.672890	9.727318
10	4710119	5339503	11336238	9.673032	9.727501
11	4711658	5341746	11337294	9.673174	9.727683
12	4713198	5343989	11338352	9.673315	9.727865
13	4714737	5346233	11339409	9.673457	9.728048
14	4716276	5348478	11340468	9.673599	9.728230
15	4717815	5350722	11341527	9.673741	9.728412
16	4719354	5352966	11342586	9.673882	9.728594
17	4720892	5355213	11343646	9.674024	9.728777
18	4722431	5357459	11344707	9.674165	9.728959
19	4723969	5359706	11345768	9.674307	9.729141
20	4725507	5361953	11346829	9.674448	9.729323
21	4727045	5364200	11347891	9.674590	9.729505
22	4728583	5366448	11348954	9.674731	9.729687
23	4730121	5368696	11350017	9.674872	9.729869
24	4731659	5370945	11351081	9.675013	9.730050
25	4733196	5373194	11352145	9.675154	9.730232
26	4734734	5375443	11353210	9.675295	9.730414
27	4736271	5377693	11354276	9.675436	9.730595
28	4737808	5379943	11355342	9.675577	9.730777
29	4739345	5382194	11356409	9.675718	9.730959
30	4740882	5384445	11357475	9.675859	9.731141
31	4742419	5386697	11358543	9.676000	9.731322
32	4743955	5388949	11359611	9.676140	9.731504
33	4745491	5391201	11360680	9.676281	9.731685
34	4747028	5393454	11361749	9.676422	9.731867
35	4748564	5395707	11362819	9.676562	9.732048
36	4750100	5397961	11363889	9.676703	9.732230
37	4751635	5400215	11364960	9.676843	9.732411
38	4753171	5402469	11366032	9.676983	9.732592
39	4754707	5404724	11367103	9.677124	9.732773
40	4756242	5406980	11368176	9.677264	9.732955
41	4757777	5409236	11369249	9.677404	9.733136
42	4759312	5411492	11370323	9.677544	9.733317
43	4760847	5413748	11371397	9.677684	9.733498
44	4762382	5416005	11372472	9.677824	9.733679
45	4763916	5418263	11373547	9.677964	9.733860
46	4765451	5420521	11374623	9.678104	9.734041
47	4766985	5422779	11375699	9.678244	9.734222
48	4768519	5425038	11376776	9.678383	9.734403
49	4770054	5427297	11377854	9.678523	9.734583
50	4771587	5429557	11378932	9.678663	9.734764

M.	Sinus.	Tangen.	Secant.	Lo. Sin.	Log. Tan,
100	8829476	18807264	21300544	9.945935	10.274325
99	8828656	18799348	21293555	9.945894	10.274143
98	8827836	18791437	21286571	9.945854	10.273961
97	8827016	18783531	21279592	9.945814	10.273777
96	8826196	18775631	21272619	9.945773	10.273594
95	8825375	18767735	21265650	9.945733	10.273412
94	8824555	18759845	21258687	9.945693	10.273229
93	8823733	18751960	21251729	9.945652	10.273046
92	8822912	18744080	21244777	9.945612	10.272864
91	8822090	18736205	21237829	9.945571	10.272681
90	8821268	18728336	21230887	9.945531	10.272499
89	8820446	18720471	21223950	9.945490	10.272317
88	8819624	18712612	21217018	9.945450	10.272134
87	8818801	18704757	21210091	9.945409	10.271952
86	8817978	18696908	21203169	9.945369	10.271770
85	8817155	18689064	21196253	9.945328	10.271587
84	[illegible]	18681225	21189341	9.945288	10.271405
83	[illegible]	18673392	21182435	9.945247	10.271223
82	[illegible]	18665563	21175534	9.945207	10.271041
81	[illegible]	18657739	21168638	9.945166	10.270859
80	[illegible]	18649921	21161747	9.945125	10.270677
79	8812209	18642108	21154862	9.945085	10.270495
78	[illegible]	18634299	21147981	9.945044	10 270313
77	[illegible]	18626496	21141106	9.945003	10.270131
76	8809733	18618698	21134236	9.944963	10.269949
75	8808907	18610905	21127370	9.944922	10.269767
74	8808081	18603117	21120510	9.944881	10.269586
73	8807254	18595334	21113655	9.944840	10.269404
72	8806428	18587556	21106805	9.944800	10.269222
71	8805601	18579783	21099961	9.944759	10.269040
70	8804773	18572015	21093121	9.944718	10.268859
69	8803946	18564252	21086286	9.944677	10.268677
68	8803118	18556495	21079457	9.944636	10.268496
67	8802290	18548742	21072632	9.944595	10.268314
66	8801461	18540994	21065813	9.944555	10.268133
65	8800633	18533251	21058998	9.944514	10.267951
64	8799804	18525514	21052189	9.944473	10.267770
63	8798975	18517781	21045385	9.944432	10.267589
62	8798145	18510053	21038585	9.944391	10. 267407
61	8797316	18502331	21031791	9.944350	10.267226
60	8796486	18494613	21025002	9.944309	10.267045
59	8795655	18486900	21018218	9.944268	10.266864
58	8794825	18479192	21011439	9.944227	10.266683
57	8793994	18471490	21004664	9.944186	10.266502
56	8793163	18463792	20997895	9.944145	10.266321
55	8792332	18456099	20991131	9.944104	10.266140
54	8791500	18448411	20984372	9.944063	10.265959
53	8790668	18440728	20977618	9.944022	10.265778
52	8789836	18433050	20970869	9.943981	10.265597
51	8789004	18425377	20964124	9.943939	10.265416
50	8788171	18417709	20957385	9.943898	10.265235

M	Sinus	Tang	Secant.	Lo. Sin.	Lo Tan
50	4771500	5429557	11378932	9.6785.3	9.734764
51	4773121	5431817	11380010	9.6786.2	9.734945
52	4774655	5434077	11381089	9.679942	9.735126
53	4776186	5436338	11382169	9.679981	9.735306
54	4777722	5438600	11383249	9.679221	9.735487
55	4779255	5440861	11384330	9.679350	9.735667
56	4780788	5443124	11385411	9.679499	9.735848
57	4782321	5445386	11386493	9.679639	9.736029
58	4783853	5447649	11387576	9.679778	9.736209
59	4785386	5449913	11388659	9.679917	9.736389
60	4786918	5452177	11389742	9.680056	9.736570
61	4788451	5454441	11390826	9.680195	9.736750
62	4789983	5456706	11391911	9.680334	9.736930
63	4791515	5458971	11392996	9.680473	9.737111
64	4793047	5461237	11394082	9.680611	9.737291
65	4794578	5463503	11395168	9.680750	9.737471
66	4796110	5465769	11396255	9.680889	9.737651
67	4797641	5468036	11397343	9.681028	9.737831
68	4799173	5470304	11398431	9.681166	9.738011
69	4800704	5472572	11399519	9.681305	9.738191
70	4802235	5474840	11400608	9.681443	9.738371
71	4803766	5477109	11401698	9.681582	9.738551
72	4805296	5479378	11402788	9.681720	9.738731
73	4806827	5481647	11403879	9.681858	9.738911
74	4808357	5483917	11404970	9.681997	9.739091
75	4809887	5486188	11406062	9.682135	9.739270
76	4811418	5488459	11407155	9.682273	9.739450
77	4812948	5490732	11408248	9.682411	9.739630
78	4814477	5493002	11409341	9.682549	9.739810
79	4816007	5495274	11410435	9.682687	9.739989
80	4817537	5497546	11411530	9.682825	9.740169
81	4819066	5499819	11412625	9.682963	9.740348
82	4820595	5502093	11413721	9.683101	9.740528
83	4822124	5504367	11414817	9.683238	9.740707
84	4823653	5506641	11415914	9.683376	9.740887
85	4825182	5508916	11417012	9.683514	9.741066
86	4826711	5511191	11418110	9.683651	9.741245
87	4828239	5513467	11419208	9.683789	9.741425
88	4829767	5515743	11420307	9.683926	9.741604
89	4831296	5518019	11421407	9.684063	9.741783
90	4832824	5520296	11422507	9.684201	9.741962
91	4834352	5522574	11423608	9.684338	9.742141
92	4835879	5524852	11424709	9.684475	9.742320
93	4837407	5527130	11425811	9.684612	9.742499
94	4838934	5529409	11426914	9.684750	9.742679
95	4840462	5531688	11428017	9.684887	9.742857
96	4841989	5533967	11429120	9.685024	9.743036
97	4843516	5536248	11430225	9.685161	9.743215
98	4845043	5538528	11431329	9.685297	9.743394
99	4846569	5540809	11432434	9.685434	9.743573
	4848096	5543090	11433540	9.685571	9.743752

M	Sinus	Tangens	Secans	Lo. Sin.	Lo. Tan.
50	8781711	18417703	20957305	9.943290	0.235285
49	8787338	18410045	20950951	9.943857	10.235055
48	8790595	18402387	20943922	9.944816	10.234774
47	8795671	18394734	20937197	9.943775	10.234493
46	8794838	18387085	20930478	9.943734	10.234213
45	8794004	18379442	20923763	9.943692	10.233932
44	8783169	18371803	20917054	9.943651	10.233652
43	8782335	18364169	20910349	9.943610	10.233372
42	8781500	18356540	20903650	9.943569	10.233091
41	8780665	18348916	20896955	9.943527	10.232810
40	8779830	18341297	20890265	9.943486	10.232530
39	8778994	18333683	20883580	9.943445	10.232250
38	8778158	18326074	20876901	9.943403	10.231969
37	8777322	18318469	20870225	9.943362	10.231689
36	8776486	18310870	20863555	9.943320	10.231409
35	8775649	18303275	20856890	9.943279	10.231128
34	8774812	18295685	20850230	9.943237	10.230848
33	8773975	18288100	20843574	9.943196	10.230568
32	8773137	18280520	20836924	9.943155	10.230287
31	8772299	18272944	20830278	9.943113	10.230007
30	8771461	18265373	20823637	9.943072	10.229728
29	8770623	18257808	20817001	9.943030	10.229446
28	8769785	18250247	20810370	9.942989	10.229169
27	8768946	18242691	20803744	9.942947	10.228889
26	8768107	18235139	20797123	9.942906	10.228609
25	8767267	18227593	20790506	9.942864	10.228329
24	8766428	18220051	20783894	9.942822	10.228049
23	8765588	18212514	20777287	9.942781	10.227770
22	8764748	18204982	20770685	9.942739	10.227490
21	8763907	18197455	20764088	9.942698	10.227210
20	8763067	18189932	20757496	9.942656	10.226931
19	8762226	18182414	20750908	9.942614	10.226651
18	8761384	18174901	20744326	9.942573	10.226372
17	8760543	18167393	20737748	9.942531	10.226092
16	8759701	18159890	20731174	9.942489	10.225813
15	8758859	18152391	20724606	9.942447	10.225534
14	8758017	18144897	20718043	9.942406	10.225254
13	8757174	18137408	20711484	9.942364	10.224975
12	8756332	18129923	20704930	9.942322	10.224696
11	8755488	18122444	20698381	9.942280	10.224417
10	8754645	18114969	20691836	9.942238	10.224137
9	8753801	18107498	20685297	9.942197	10.223858
8	8752958	18100033	20678762	9.942155	10.223579
7	8752113	18092572	20672231	9.942113	10.223300
6	8751269	18085116	20665706	9.942071	10.223021
5	8750424	18077664	20659185	9.942029	10.222742
4	8749579	18070217	20652669	9.941987	10.222463
3	8748734	18062775	20646158	9.941945	10.222184
2	8747889	18055338	20639652	9.941903	10.221905
1	8747043	18047905	20633150	9.941861	10.221627
0	8746197	18040477	20626653	9.941819	10.221348

M	Sinus	Tang.	Secant.	Lo. Sin.	Lo. Tan.
0	4848096	5543922	11433542	9.685571	9.743752
1	4849622	5545372	11434647	9.685708	9.743931
2	4851149	5547654	11435754	9.685844	9.744109
3	4852675	5549337	11436861	9.685981	9.744288
4	4854201	5552220	11437970	9.686118	9.744467
5	4855727	5554524	11439078	9.686254	9.744645
6	4857252	5556788	11440187	9.686390	9.744824
7	4858778	5559072	11441297	9.686527	9.745002
8	4860303	5561357	11442400	9.686663	9.745181
9	4861829	5563643	11443519	9.686799	9.745359
10	4863354	5565928	11444630	9.686936	9.745537
11	4864879	5568215	11445742	9.687072	9.745716
12	4866403	5570501	11446855	9.687208	9.745894
13	4867928	5572788	11447968	9.687344	9.746072
14	4869452	5575076	11449082	9.687480	9.746251
15	4870977	5577364	11450196	9.687616	9.746429
16	4872501	5579653	11451311	9.687752	9.746607
17	4874025	5581941	11452426	9.687888	9.746785
18	4875549	5584231	11453542	9.688023	9.746963
19	4877073	5586521	11454659	9.688159	9.747141
20	4878596	5588811	11455779	9.688295	9.747319
21	4880120	5591102	11456894	9.688430	9.747497
22	4881643	5593393	11458012	9.688566	9.747675
23	4883166	5595684	11459131	9.688701	9.747853
24	4884689	5597976	11460250	9.688837	9.748031
25	4886212	5600269	11461370	9.688972	9.748209
26	4887735	5602562	11462491	9.689107	9.748387
27	4889258	5604855	11463612	9.689243	9.748564
28	4890780	5607149	11464734	9.689378	9.748742
29	4892302	5609443	11465856	9.689513	9.748920
30	4893824	5611738	11466979	9.689648	9.749097
31	4895346	5614033	11468102	9.689783	9.749275
32	4896868	5616329	11469226	9.689918	9.749452
33	4898390	5618625	11470351	9.690053	9.749630
34	4899911	5620922	11471476	9.690188	9.749807
35	4901433	5623219	11472601	9.690323	9.749985
36	4902954	5625516	11473728	9.690458	9.750162
37	4904475	5627814	11474855	9.690592	9.750340
38	4905996	5630113	11475982	9.690727	9.750517
39	4907517	5632411	11477110	9.690862	9.750694
40	4909037	5634710	11478238	9.690996	9.750871
41	4910558	5637010	11479368	9.691131	9.751049
42	4912078	5639310	11480497	9.691265	9.751226
43	4913598	5641611	11481627	9.691399	9.751403
44	4915118	5643912	11482758	9.691534	9.751580
45	4916638	5646213	11483890	9.691668	9.751757
46	4918158	5648515	11485022	9.691802	9.751934
47	4919678	5650818	11486154	9.691936	9.752111
48	4921197	5653120	11487287	9.692071	9.752288
49	4922716	5655424	11488421	9.692205	9.752465
50	4924235	5657728	11489555	9.692339	9.752642

M	Sinus.	Tangen.	Secant.	Lo. Sin.	Lo. Tan.
100	8746197	18040477	20626653	9.9418 9	10.25[illegible]
99	8745351	18033055	20620161	9.94[illegible]777	10.25[illegible]
98	8744504	18025635	20613673	9.941735	10.255890
97	8743657	18018221	20607191	9.941693	10.255712
96	8742810	18010812	20600712	9.941651	10.255533
95	8741963	18003407	20594239	9.941609	10.255355
94	8741115	17996007	20587770	9.941567	10.255176
93	8740267	17988612	20581306	9.941525	10.254997
92	8739419	17981221	20574847	9.941482	10.254819
91	8738571	17973835	20568392	9.941440	10.254641
90	8737722	17966454	20561942	9.941398	10.254462
89	8736873	17959077	20555497	9.941356	10.254284
88	8736024	17951705	20549056	9.941314	10.254105
87	8735174	17944337	20542620	9.941271	10.253927
86	8734325	17936974	20536189	9.941229	10.253750
85	8733475	17929616	20529762	9.941187	10.253571
84	8732624	17922262	20523340	9.941145	10.253393
83	8731774	17914913	20516922	9.941102	10.253215
82	8730923	17907568	20510510	9.941060	10.253036
81	8730072	17900228	20504101	9.941018	10.252858
80	8729221	17892893	20497696	9.940975	10.252680
79	8728369	17885562	20491299	9.940933	10.252502
78	8727517	17878236	20484905	9.940891	10.252324
77	8726665	17870914	20478515	9.940848	10.252147
76	8725813	17863597	20472130	9.940806	10.251969
75	8724960	17856285	20465749	9.940763	10.251791
74	8724107	17848977	20459374	9.940721	10.251613
73	8723254	17841673	20453002	9.940678	10.251435
72	8722400	17834374	20446636	9.940636	10.251256
71	8721547	17827080	20440274	9.940593	10.251080
70	8720693	17819790	20433916	9.940551	10.250902
69	8719838	17812505	20427563	9.940508	10.250725
68	8718984	17805224	20421215	9.940466	10.250547
67	8718129	17797948	20414871	9.940423	10.250370
66	8717274	17790676	20408532	9.940381	10.250192
65	8716419	17783409	20402197	9.940338	10.250015
64	8715565	17776146	20395867	9.940295	10.249837
63	8714707	17768888	20389541	9.940253	10.249660
62	8713851	17761635	20383220	9.940210	10.249483
61	8712995	17754385	20376904	9.940167	10.249305
60	8712138	17747141	20370592	9.940125	10.249128
59	8711281	17739901	20364284	9.940082	10.248951
58	8710424	17732665	20357981	9.940039	10.248774
57	8709566	17725434	20351683	9.939996	10.248597
56	8708709	17718207	20345389	9.939954	10.248420
55	8707851	17710985	20339100	9.939911	10.248243
54	8706992	17703767	20332815	9.939868	10.248065
53	8706134	17696553	20326534	9.939825	10.247888
52	8705275	17689344	20320259	9.939782	10.247711
51	8704416	17682140	20313987	9.939739	10.247535
50	8703557	17674940	20307720	9.939697	10.247358

M	Sinus.	Tang.	Secant	Lo. Sin.	Lo. Tan.
50	4924235	5657728	11489555	9.692339	9.752642
51	4925754	5660632	11490590	9.692473	9.752819
52	4927273	5663537	11491625	9.692606	9.752995
53	4928792	5666442	11492661	9.692740	9.753172
54	4930310	5669347	11493698	9.692874	9.753349
55	4931829	5672253	11494735	9.693008	9.753526
56	4933347	5675159	11495773	9.693141	9.753702
57	4934865	5678067	11496811	9.693275	9.753879
58	4936383	5680974	11497850	9.693409	9.754056
59	4937901	5683882	11498889	9.693542	9.754232
60	4939418	5686790	11499929	9.693676	9.754409
61	4940936	5689699	11500970	9.693809	9.754585
62	4942453	5692609	11502011	9.693942	9.754761
63	4943970	5695518	11503053	9.694076	9.754938
64	4945487	5698428	11504096	9.694209	9.755114
65	4947004	5701339	11505139	9.694342	9.755291
66	4948521	5704250	11506182	9.694475	9.755467
67	4950038	5707162	11507226	9.694608	9.755643
68	4951554	5710074	11508270	9.694741	9.755820
69	4953070	5712986	11509314	9.694874	9.755996
70	4954586	5715899	11510361	9.695007	9.756172
71	4956102	5718812	11511408	9.695140	9.756348
72	4957617	5721726	11512455	9.695273	9.756524
73	4959134	5724641	11513502	9.695406	9.756700
74	4960649	5727555	11514550	9.695538	9.756876
75	4962165	5730471	11515599	9.695671	9.757052
76	4963680	5733386	11516648	9.695804	9.757228
77	4965195	5736303	11517698	9.695936	9.757404
78	4966710	5739219	11518748	9.696068	9.757579
79	4968225	5742136	11519799	9.696201	9.757755
80	4969740	5745054	11520851	9.696333	9.757931
81	4971254	5747972	11521903	9.696466	9.758107
82	4972768	5750889	11522956	9.696598	9.758283
83	4974282	5753810	11524009	9.696730	9.758458
84	4975795	5756729	11525063	9.696862	9.758634
85	4977310	5759649	11526118	9.696995	9.758809
86	4978824	5762569	11527173	9.697127	9.758985
87	4980337	5765490	11528228	9.697259	9.759161
88	4981851	5768411	11529285	9.697391	9.759336
89	4983364	5771333	11530342	9.697522	9.759511
90	4984877	5774255	11531399	9.697654	9.759687
91	4986390	5777176	11532457	9.697786	9.759862
92	4987903	5780098	11533516	9.697918	9.760038
93	4989416	5783024	11534575	9.698049	9.760213
94	4990928	5785946	11535634	9.698181	9.760388
95	4992440	5788873	11536695	9.698313	9.760563
96	4993953	5791798	11537756	9.698444	9.760739
97	4995465	5794723	11538817	9.698576	9.760914
98	4996976	5797649	11539879	9.698707	9.761089
99	4998488	5800576	11540942	9.698838	9.761264
100	5000000	5803502	11542005	9.698970	9.761439

M	Sinus.	Tangen.	Secant.	Lo. Sin	Lo. Tan.
60	8703557	17674940	20307720	9.939697	10.247358
59	8702697	17667744	20301458	9.939654	10.247181
58	8701837	17660553	20295200	9.939611	10.247004
57	8700977	17653367	20288946	9.939568	10.246827
56	8700117	17646184	20282697	9.939525	10.246651
55	8699256	17639006	20276453	9.939482	10.246474
54	8698395	17631833	20270213	9.939439	10.246297
53	8697534	17624664	20263977	9.939396	10.246121
52	8696673	17617499	20257746	9.939353	10.245944
51	8695811	17610339	20251519	9.939310	10.245768
50	8694949	17603183	20245297	9.939267	10.245591
49	8694087	17596032	20239079	9.939224	10.245415
48	8693224	17588885	20232866	9.939181	10.245238
47	8692362	17581742	20226657	9.939138	10.245062
46	8691499	17574604	20220453	9.939094	10.244885
45	8690635	17567470	20214252	9.939051	10.244709
44	8689772	17560341	20208057	9.939008	10.244533
43	8688908	17553215	20201865	9.938965	10.244356
42	8688044	17546095	20195679	9.938922	10.244180
41	8687180	17538979	20189496	9.938879	10.244004
40	8686315	17531866	20183318	9.938835	10.243828
39	8685450	17524758	20177144	9.938792	10.243652
38	8684585	17517655	20170975	9.938749	10.243476
37	8683720	17510556	20164810	9.938706	10.243300
36	8682854	17503461	20158650	9.938662	10.243124
35	8681989	17496371	20152494	9.938619	10.242948
34	8681123	17489285	20146342	9.938576	10.242772
33	8680255	17482203	20140194	9.938532	10.242596
32	8679389	17475126	20134051	9.938489	10.242420
31	8678522	17468053	20127913	9.938446	10.242244
30	8677654	17460984	20121778	9.938402	10.242069
29	8676787	17453920	20115648	9.938359	10.241893
28	8675919	17446860	20109523	9.938315	10.241717
27	8675051	17439804	20103401	9.938272	10.241541
26	8674183	17432752	20097285	9.938228	10.241366
25	8673314	17425705	20091172	9.938185	10.241190
24	8672445	17418662	20085064	9.938141	10.241015
23	8671576	17411623	20078960	9.938098	10.240839
22	8670707	17404589	20072860	9.938054	10.240664
21	8669837	17397559	20066765	9.938011	10.240488
20	8668967	17390533	20060674	9.937967	10.240313
19	8668097	17383511	20054587	9.937924	10.240137
18	8667227	17376494	20048505	9.937880	10.239962
17	8666356	17369481	20042427	9.937836	10.239786
16	8665485	17362472	20036353	9.937793	10.239611
15	8664614	17355467	20030283	9.937749	10.239435
14	8663742	17348467	20024218	9.937705	10.239261
13	8662871	17341471	20018157	9.937662	10.239086
12	8661999	17334479	20012100	9.937618	10.238911
11	8661126	17327491	20006048	9.937574	10.238735
10	8660254	17320506	20000000	9.937530	10.238560

M	Sinus	Tang.	Secant	Lo. Sin.	Lo. Tan.
0	5000000	5773502	11547005	9.698970	9.761439
1	5001511	5775830	11548109	9.699101	9.761614
2	5003022	5778158	11549333	9.699232	9.761789
3	5004534	5780488	11550428	9.699363	9.761964
4	5006045	5782815	11551604	9.699495	9.762139
5	5007555	5785144	11552830	9.699626	9.762314
6	5009066	5787474	11553977	9.699757	9.762489
7	5010577	5789804	11555164	9.699888	9.762664
8	5012087	5792134	11556332	9.700018	9.762838
9	5013597	5794465	11557501	9.700149	9.763013
10	5015107	5796797	11558670	9.700280	9.763188
11	5016617	5799129	11559840	9.700411	9.763363
12	5018127	5801462	11561010	9.700541	9.763537
13	5019636	5803795	11562181	9.700672	9.763712
14	5021146	5806128	11563352	9.700803	9.763886
15	5022655	5808462	11564523	9.700933	9.764061
16	5024164	5810796	11565697	9.701064	9.764235
17	5025673	5813131	11566870	9.701194	9.764410
18	5027182	5815467	11568044	9.701324	9.764585
19	5028691	5817802	11569219	9.701455	9.764759
20	5030199	5820139	11570394	9.701585	9.764 33
21	5031708	5822476	11571569	9.701715	9.765 7
22	5033216	5824813	11572745	9.701 45	9.765282
23	5034724	5827151	11573922	.701975	9.765456
24	5036232	5829489	11575100	9.702106	9.765 3
25	5037740	5831827	11576276	9.702236	9.765
26	5039247	5834167	11577453	9.702365	9.765
27	5040755	5836506	11578631	9.702495	9.766.55
28	5042262	5838846	11579809	9.702625	9.766327
29	5043769	5841187	11580987	9.702755	9.766502
30	5045276	5843528	11582177	9.702885	9.766676
31	5046783	5845870	11583358	9.703014	9.766849
32	5048290	5848212	11584540	9.703144	9.767023
33	5049797	5850554	11585723	9.703274	9.767197
34	5051302	5852898	11586906	9.703403	9.767371
35	5052808	5855240	11588090	9.703533	9.767545
36	5054315	5857584	11589275	9.703662	9.767717
37	5055821	5859929	11590460	9.703791	9.767892
38	5057326	5862274	11591646	9.703921	9.768066
39	5058832	5864619	11592832	9.704050	9.768240
40	5060337	5866965	11594019	9.704179	9.768413
41	5061843	5869311	11595206	9.704308	9.768587
42	5063348	5871658	11596395	9.704438	9.768761
43	5064853	5874005	11597583	9.704567	9.768934
44	5066358	5876353	11598773	9.704696	9.769108
45	5067862	5878701	11599962	9.704825	9.769281
46	5069367	5881050	11601153	9.704954	9.769455
47	5070871	5883399	11602344	9.705082	9.769628
48	5072375	5885749	11603536	9.705211	9.769802
49	5073880	5888100	11604728	9.705340	9.769975
50	5075383	5890450	11605921	9.705469	9.770148

M.	Sinus.	Tangen.	Secant.	Lo. Sin.	Log. Tan.
100	8660254	17320508	20000000	9.937530	10.238560
99	8659381	17313529	19993956	9.937487	10.238385
98	8658508	17306554	19987916	9.937443	10.238210
97	8657635	17299583	19981881	9.937399	10.238035
96	8656761	17292616	19975850	9.937355	10.237861
95	8655887	17285654	19969823	9.937311	10.237686
94	8655013	17278696	19963800	9.937268	10.237511
93	8654139	17271742	19957782	9.937224	10.237336
92	8653264	17264792	19951768	9.937180	10.237161
91	8652389	17257846	19945758	9.937136	10.236986
90	8651514	17250905	19939752	9.937092	10.236812
89	8650639	17243968	19933751	9.937048	10.236637
88	8649763	17237035	19927754	9.937004	10.236462
87	8648887	17230106	19921761	9.936960	10.236288
86	8648011	17223181	19915772	9.936916	10.236113
85	8647134	17216261	19909787	9.936872	10.235939
84	8646257	17209344	19903807	9.936828	10.235764
83	8645380	17202432	19897831	9.936784	10.235590
82	8644503	17195524	19891859	9.936740	10.235415
81	8643626	17188620	19885891	9.936695	10.235241
80	8642748	17181720	19879928	9.936652	10.235066
79	8641870	17174824	19873968	9.936608	10.234892
78	8640991	17167933	19868012	9.936563	10.234718
77	8640113	17161045	19862061	9.936519	10.234544
76	8639234	17154162	19856114	9.936475	10.234369
75	8638355	17147283	19850172	9.936431	10.234195
74	8637475	17140408	19844233	9.936387	10.234021
73	8636596	17133537	19838299	9.936342	10.233847
72	8635716	17126670	19832368	9.936298	10.233673
71	8634836	17119807	19826442	9.936254	10.233499
70	8633955	17112949	19820520	9.936210	10.233325
69	8633075	17106094	19814602	9.936165	10.233151
68	8632194	17099244	19808688	9.936121	10.232977
67	8631312	17092397	19802779	9.936077	10.232803
66	8630431	17085555	19796873	9.936032	10.232629
65	8629549	17078717	19790972	9.935988	10.232455
64	8628667	17071883	19785075	9.935944	10.232281
63	8627785	17065053	19779182	9.935899	10.232107
62	8626902	17058227	19773293	9.935855	10.231934
61	8626020	17051405	19767408	9.935810	10.231760
60	8625136	17044587	19761527	9.935766	10.231586
59	8624253	17037773	19755650	9.935721	10.231413
58	8623370	17030964	19749778	9.935677	10.231239
57	8622486	17024158	19743909	9.935632	10.231065
56	8621602	17017356	19738045	9.935588	10.230892
55	8620717	17010559	19732184	9.935543	10.230718
54	8619833	17003765	19726328	9.935499	10.230545
53	8618948	16996975	19720476	9.935454	10.230371
52	8618063	16990190	19714628	9.935409	10.230198
51	8617177	16983408	19708784	9.935365	10.230025
50	8616291	16976631	19702944	9.935320	10.229851

M	Sinus.	Lang.	Secant.	Co. Sin.	Lo.
50	5075383	5830450	11605921	9.7054[illegible]	9.770143
51	5076807	5832801	11607114	9.705[illegible]597	9.770322
52	5078231	5835153	11608306	.705726	9.770595
53	5079654	5837505	11609503	.705854	9.770[illegible]
54	5071397	5839857	11610696	9.705983	9.770541
55	5072901	5902211	11611892	9.706111	9.771015
56	5084404	5904564	11613091	9.706240	9.771189
57	5085806	5906918	11614285	9.706368	9.771361
58	5087209	5909273	11615485	9.706496	9.771534
59	5088612	5911628	11616684	9.706625	9.771707
60	5090014	5913983	11617883	9.706753	9.771880
61	5091916	5916339	11619082	9.706881	9.772053
62	5093418	5918696	11620282	9.707009	9.772225
63	5094910	5921053	11621483	9 707137	9.772399
64	5096422	5923410	11622684	9.707265	9.772572
65	5097923	5925708	11623886	9.707393	9.772744
66	5099425	5928127	11625089	9.707521	9.772917
67	5100926	5930486	11626292	9.707649	9.773090
68	5102427	5932845	11627495	9.707777	9.773263
69	5103928	5935205	11628700	9.707904	9.773436
70	5105429	5937565	11629905	9.708032	9.773[illegible]
71	5106930	5939926	11631110	9.708160	9.773[illegible]
72	5108430	5942288	11632316	9.708287	9.773953
73	5109930	5944649	11633523	9.708415	9.774126
74	5111431	5947012	11634730	9.708542	9.774299
75	5112931	5949375	11635938	9.708670	9.774471
76	5114431	5951738	11637147	9.708797	9.774644
77	5115930	5954102	11638356	9.708924	9.774816
78	5117430	5956466	11639566	9.709052	9.774988
79	5118929	5958831	11640776	9.709179	9.775161
80	5120428	5961196	11641987	9.709306	9.775333
81	5121928	5963562	11643198	9.709433	9.775505
82	5123426	5965928	11644411	9.709560	9.775678
83	5124925	5968295	11645623	9.709687	9.775850
84	5126424	5970662	11646837	9.709814	9.776022
85	5127922	5973030	11648051	9.709941	9.776194
86	5129421	5975398	11649265	9.710068	9.776367
87	5130919	5977767	11650481	9.710195	9.776539
88	5132417	5980136	11651696	9.710322	9.776711
89	5133915	5982506	11652913	9.710448	9.776883
90	5135412	5984876	11654130	9.710575	9.777055
91	5136910	5987247	11655347	9.710702	9.777227
92	5138407	5989618	11656566	9.710828	9.777399
93	5139904	5991990	11657785	9.710955	9.777571
94	5141401	5994362	11659004	9.711081	9.777743
95	5142898	5996735	11660224	9.711208	9.777915
96	5144395	5999108	11661445	9.711334	9.778087
97	5145892	6001482	11662666	9.711461	9.778258
98	5147388	6003856	11663888	9.711587	9.778430
99	5148884	6006231	11665111	9.711713	9.778602
100	5150381	6008606	11660334	9.711839	9.778774

M	Sinus	Tangens	Secant.	Lo. Sin	Lo. Tan.
50	8616291	16976631	19702744	9.935322	10.229351
49	8615405	16969858	19697103	9.935270	10.229378
48	8614519	16963088	19691276	9.935231	10.229405
47	8613633	16956323	19685448	9.935186	10.229331
46	8612746	16949561	19679625	9.935141	10.229458
45	8611859	16942804	19673805	9.935097	10.229485
44	8610971	16936050	19667989	9.935052	10.229512
43	8610084	16929301	19662179	9.935007	10.229563
42	8609196	16922555	19656370	9.934962	10.229406
41	8608308	16915814	19650566	9.934918	10.229233
40	8607420	16909076	19644767	9.934873	10.229120
39	8606531	16902343	19638971	9.934828	10.229947
38	8605643	16895613	19633180	9.934783	10.229774
37	8604754	16888888	19627392	9.934738	10.229601
36	8603864	16882166	19621609	9.934693	10.229428
35	8602975	16875448	19615829	9.934648	10.229255
34	8602085	16868735	19610054	9.934604	10.229082
33	8601195	16862025	19604282	9.934559	10.228910
32	8600304	16855319	19598515	9.934514	10.228737
31	8599413	16848617	19592751	9.934469	10.228564
30	8598523	16841919	19586992	9.934424	10.228391
29	8597631	16835225	19581236	9.934379	10.228219
28	8596740	16828535	19575485	9.934334	10.228046
27	8595848	16821849	19569737	9.934289	10.227874
26	8594956	16815167	19563993	9.934243	10.227701
25	8594064	16808489	19558254	9.934198	10.227528
24	8593171	16801814	19552518	9.934153	10.227356
23	8592279	16795144	19546786	9.934108	10.227184
22	8591386	16788477	19541058	9.934063	10.227011
21	8590492	16781815	19535335	9.934018	10.226839
20	8589599	16775156	19529615	9.933973	10.226666
19	8588705	16768501	19523899	9.933927	10.226494
18	8587811	16761850	19518187	9.933882	10.226322
17	8586917	16755203	19512479	9.933837	10.226149
16	8586022	16748560	19506775	9.933792	10.225977
15	8585127	16741921	19501074	9.933747	10.225805
14	8584232	16735285	19495378	9.933701	10.225633
13	8583337	16728654	19489686	9.933656	10.225461
12	8582441	16722026	19483997	9.933611	10.225289
11	8581545	16715402	19478313	9.933565	10.225117
10	8580649	16708782	19472632	9.933520	10.224945
9	8579752	16702166	19466955	9.933474	10.224773
8	8578856	16695554	19461283	9.933429	10.224601
7	8577959	16688946	19455614	9.933384	10.224429
6	8577062	16682341	19449949	9.933338	10.224257
5	8576164	16675740	19444288	9.933293	10.224085
4	8575266	16669144	19438630	9.933247	10.223913
3	8574368	16662551	19432977	9.933202	10.223741
2	8573470	16655961	19427327	9.933156	10.223570
1	8572572	16649376	19421682	9.933111	10.223398
0	8571673	16642795	19416040	9.933065	10.223226

M	Sinus	Tang.	Secant.	Lo. Sin.	Lo. Tan.
0	5150381	6006606	11666334	9.711839	9.778774
1	5151677	6010382	11667558	9.711965	9.778945
2	5153372	6013358	11668782	9.712091	9.779117
3	5154368	6015735	11670007	9.712217	9.779289
4	5156363	6018512	11671232	9.712343	9.779460
5	5157659	6021289	11672459	9.712469	9.779632
6	5159354	6023266	11673685	9.712595	9.779803
7	5160649	6025243	11674913	9.712721	9.779975
8	5162344	6027626	11676141	9.712847	9.780140
9	5163839	6030005	11677370	9.712972	9.780318
10	5165233	6032385	11678599	9.713098	9.780489
11	5166827	6034765	11679829	9.713224	9.780660
12	5168322	6037147	11681059	9.713349	9.780832
13	5169816	6039529	11682290	9.713475	9.781003
14	5171310	6041911	11683522	9.713600	9.781174
15	5172803	6044294	11684754	9.713726	9.781345
16	5174297	6046677	11685987	9.713851	9.781517
17	5175791	6049061	11687221	9.713977	9.781688
18	5177284	6051445	11688455	9.714102	9.781859
19	5178777	6053830	11689690	9.714227	9.782030
20	5180270	6056215	11690925	9.714352	9.782201
21	5181763	6058601	11692162	9.714477	9.782372
22	5183255	6060987	11693398	9.714602	9.782543
23	5184748	6063374	11694635	9.714727	9.782714
24	5186240	6065761	11695873	9.714852	9.782885
25	5187732	6068148	11697112	9.714977	9.783056
26	5189224	6070537	11698351	9.715102	9.783227
27	5190716	6072926	11699591	9.715227	9.783398
28	5192208	6075316	11700831	9.715352	9.783569
29	5193700	6077706	11702072	9.715477	9.783739
30	5195191	6080095	11703314	9.715601	9.783910
31	5196682	6082486	11704556	9.715726	9.784081
32	5198173	6084877	11705799	9.715851	9.784252
33	5199664	6087269	11707042	9.715975	9.784422
34	5201155	6089661	11708286	9.716100	9.784593
35	5202645	6092054	11709531	9.716224	9.784764
36	5204136	6094447	11710777	9.716348	9.784934
37	5205626	6096841	11712023	9.716473	9.785105
38	5207116	6099236	11713269	9.716597	9.785275
39	5208606	6101631	11714516	9.716721	9.785446
40	5210096	6104026	11715764	9.716846	9.785616
41	5211586	6106422	11717013	9.716970	9.785787
42	5213075	6108818	11718262	9.717094	9.785957
43	5214565	6111215	11719511	9.717218	9.786127
44	5216054	6113612	11720762	9.717342	9.786298
45	5217543	6116010	11722013	9.717466	9.786468
46	5219032	6118408	11723264	9.717590	9.786638
47	5220520	6120808	11724516	9.717714	9.786808
48	5222009	6123207	11725769	9.717837	9.786978
49	5223497	6125607	11727023	9.717961	9.787148
50	5224985	6128008	11728277	9.718085	9.787319

M	Sinus.	Tangen.	Secant.	Lo. Sin.	Lo. Tan.
100	8571673	16642795	19416040	9.933305	10.221225
99	8570774	16636217	19412402	9.933020	10.221054
98	8569874	16629643	19404768	9.932974	10.220903
97	8568975	16623073	19399130	9.932929	10.220711
96	8568075	16616507	19393512	9.932883	10.220540
95	8567175	16609944	19387889	9.932837	10.220368
94	8566275	16603386	19382271	9.932792	10.220196
93	8565374	16596831	19376656	9.932746	10.220025
92	8564473	16590280	19371045	9.932700	10.219854
91	8563572	16583733	19365436	9.932655	10.219682
90	8562671	16577189	19359835	9.932609	10.219511
89	8561769	16570650	19354235	9.932563	10.219339
88	8560867	16564113	19348640	9.932516	10.219168
87	8559965	16557582	19343050	9.932472	10.218997
86	8559062	16551053	19337470	9.932426	10.218825
85	8558160	16544529	19331896	9.932380	10.218654
84	8557257	16538008	19326296	9.932334	10.218483
83	8556354	16531491	19320719	9.932289	10.218312
82	8555450	16524978	19315147	9.932243	10.218141
81	8554546	16518468	19309578	9.932197	10.217970
80	8553642	16511962	19304013	9.932151	10.217798
79	8552736	16505460	19298451	9.932105	10.217627
78	8551832	16498962	19292894	9.932059	10.217456
77	8550928	16492468	19287340	9.932014	10.217285
76	8550024	16485977	19281790	9.931967	10.217114
75	8549119	16479490	19276244	9.931921	10.216943
74	8548213	16473006	19270702	9.931875	10.216773
73	8547307	16466527	19265163	9.931829	10.216602
72	8546401	16460051	19259628	9.931783	10.216431
71	8545495	16453579	19254097	9.931737	10.216260
70	8544588	16447110	19248570	9.931691	10.216089
69	8543681	16440644	19243046	9.931645	10.215919
68	8542774	16434183	19237526	9.931599	10.215748
67	8541866	16427727	19232010	9.931553	10.215577
66	8540959	16421274	19226498	9.931507	10.215407
65	8540051	16414824	19220990	9.931460	10.215236
64	8539143	16408378	19215485	9.931414	10.215065
63	8538235	16401935	19209984	9.931368	10.214895
62	8537326	16395496	19204486	9.931322	10.214724
61	8536417	16389061	19198993	9.931275	10.214554
60	8535508	16382630	19193503	9.931229	10.214383
59	8534598	16376202	19188017	9.931183	10.214213
58	8533689	16369778	19182534	9.931137	10.214043
57	8532779	16363357	19177056	9.931090	10.213872
56	8531869	16356941	19171581	9.931044	10.213702
55	8530958	16350527	19166109	9.930998	10.213532
54	8530047	16344118	19160642	9.930951	10.213361
53	8529136	16337712	19155178	9.930905	10.213191
52	8528225	16331310	19149718	9.930858	10.213021
51	8527313	16324912	19144261	9.930812	10.212851
50	8526401	16318517	19138803	9.930766	10.212680

M	Sinus.	Tang.	Secant	Lo. Sin.	Lo. Tan.
50	5224485	6126003	11726277	9.718085	9.787319
51	5226474	6130409	11728531	9.718209	9.787489
52	5227961	6132810	11730767	9.718332	9.787659
53	5229443	6135212	11732243	9.718456	9.787829
54	5230937	6137615	11733299	9.718579	9.787999
55	5232421	6140018	11734557	9.718703	9.788169
56	5233911	6142421	11735814	9.718826	9.788339
57	5235399	6144825	11737073	9.718950	9.788509
58	5236885	6147230	11738332	9.719073	9.788679
59	5238372	6149635	11739592	9.719196	9.788849
60	5239859	6152041	11740853	9.719319	9.789019
61	5241345	6154447	11742113	9.719443	9.789189
62	5242832	6156854	11743375	9.719566	9.789359
63	5244318	6159261	11744637	9.719689	9.789528
64	5245804	6161669	11745900	9.719815	9.789698
65	5247290	6164077	11747163	9.719932	9.789868
66	5248775	6166486	11748427	9.720058	9.790038
67	5250261	6168895	11749692	9.720181	9.790207
68	5251746	6171305	11750957	9.720304	9.790377
69	5253231	6173715	11752223	9.720426	9.790546
70	5254716	6176126	11753490	9.720549	9.790716
71	5256201	6178537	11754757	9.720672	9.790885
72	5257686	6180949	11756025	9.720794	9.791055
73	5259170	6183361	11757294	9.720917	9.791224
74	5260655	6185774	11758563	9.721040	9.791394
75	5262139	6188188	11759833	9.721162	9.791563
76	5263623	6190602	11761103	9.721285	9.791733
77	5265107	6193016	11762374	9.721407	9.791902
78	5266591	6195431	11763646	9.721529	9.792071
79	5268074	6197845	11764918	9.721652	9.792241
80	5269558	6200262	11766191	9.721774	9.792410
81	5271042	6202679	11767465	9.721896	9.792579
82	5272524	62050	11768739	9.722018	9.792748
83	5274007	6207514	11770014	9.722141	9.792918
84	5275490	6209932	11771289	9.722263	9.793087
85	5276972	6212350	11772565	9.722385	9.793256
86	5278455	6214770	11773842	9.722507	9.793425
87	5279937	6217190	11775120	9.722629	9.793594
88	5281419	6219610	11776398	9.722750	9.793763
89	5282901	6222030	11777676	9.722872	9.793932
90	5284383	6224452	11778956	9.722994	9.794101
91	5285865	6226873	11780236	9.723116	9.794270
92	5287346	6229296	11781516	9.723238	9.794439
93	5288828	6231719	11782797	9.723359	9.794608
94	5290309	6234142	11784079	9.723481	9.794777
95	5291790	6236566	11785362	9.723602	9.794945
96	5293271	6238990	11786645	9.723724	9.795114
97	5294751	6241415	11787929	9.723845	9.795283
98	5296232	6243841	11789213	9.723967	9.795452
99	5297712	6246267	11790498	9.724088	9.795620
90	5299192	6248693	11791784	9.724209	9.795789

M	Sinus.	Tangen.	Secant.	Lo. Sin	Lo. Tan.
50	8526401	16318517	19138808	9.930766	10.212680
49	8525489	16312125	19133359	9.930719	10.212510
48	8524577	16305738	19127914	9.930673	10.212340
47	8523664	16299354	19122472	9.930626	10.212170
46	8522752	16292974	19117034	9.930580	10.212000
45	8521839	16286597	19111600	9.930533	10.211830
44	8520925	16280224	19106169	9.930487	10.211660
43	8520012	16273854	19100742	9.930440	10.211490
42	8519098	16267489	19095318	9.930393	10.211320
41	8518184	16261126	19089899	9.930347	10.211150
40	8517269	16254768	19084483	9.930300	10.210981
39	8516354	16248413	19079070	9.930254	10.210811
38	8515440	16242061	19073661	9.930207	10.210641
37	8514524	16235714	19068256	9.930160	10.210471
36	8513609	16229369	19062855	9.930114	10.210301
35	8512693	16223029	19057457	9.930067	10.210132
34	8511777	16216692	19052063	9.930020	10.209962
33	8510861	16210358	19046672	9.929973	10.209792
32	8509945	16204029	19041285	9.929927	10.209623
31	8509028	16197702	19035902	9.929880	10.209453
30	8508111	16191380	19030522	9.929833	10 209284
29	8507194	16185061	19025146	9.929786	10.209114
28	8506276	16178745	19019774	9.929739	10.208945
27	8505358	16172433	19014405	9.929692	10.208775
26	8504440	16166125	19009040	9.929646	10.208606
25	8503522	16159820	19003678	9.929599	10 208436
24	8502604	16153518	18998320	9.929552	10.208267
23	8501685	16147221	18992965	9.929505	10.208098
22	8500766	16140926	18987615	9.929458	10.207928
21	8499846	16134636	18982267	9.929411	10.207759
20	8498927	16128349	18976924	9.929364	10.207590
19	8498007	16122065	18971584	9.929317	10.207420
18	8497087	16115785	18966247	9.929270	10.207251
17	8496166	16109509	18960914	9.929223	10.207082
16	8495246	16103236	18955585	9.929176	10.206913
15	8494325	16096966	18950259	9.929129	10.206744
14	8493404	16090700	18944937	9.929082	10.206575
13	8492482	16084438	18939618	9.929034	10.206406
12	8491561	16078179	18934303	9.928987	10.206237
11	8490639	16071924	18928992	9.928940	10.206068
10	8489717	16065672	18923684	9.928893	10 205899
9	8488794	16059423	18918379	9.928846	10.205730
8	8487872	16053178	18913078	9.928799	10.205561
7	8486949	16046937	18907781	9.928751	10.205393
6	8486025	16040699	18902487	9.928704	10.205223
5	8485102	16034465	18897197	9.928657	10 205054
4	8484178	16028234	18891910	9.928610	10.204886
3	8483254	16022006	18886627	9.928562	10.204717
2	8482330	16015783	18881348	9.928515	10.204548
1	8481406	16009562	18876072	9.928468	10.204379
0	8480481	16003345	18870799	9.928420	10 204211

M	Sinus.	Tang.	Secant.	Lo. Sin.	Lo. Tan
0	5299192	6245693	11791704	9.724210	9.795789
1	5300572	6251120	11793075	9.724331	9.795958
2	5302152	6253548	11794357	9.724452	9.796126
3	5303632	6255976	11795645	9.724573	9.796295
4	5305112	6258405	11796933	9.724694	9.796463
5	5306591	6260834	11798222	9.724815	9.796632
6	5308070	6263264	11799511	9.724936	9.796801
7	5309549	6265694	11800802	9.725057	9.796969
8	5311028	6268125	11802092	9.725178	9.797137
9	5312507	6270556	11803384	9.725299	9.797306
10	5313986	6272988	11804676	9.725420	9.797474
11	5315464	6275420	11805969	9.725541	9.797643
12	5316942	6277853	11807262	9.725662	9.797811
13	5318420	6280287	11808556	9.725783	9.797979
14	5319898	6282721	11809851	9.725903	9.798148
15	5321376	6285155	11811146	9.726024	9.798316
16	5322854	6287590	11812442	9.726144	9.798484
17	5324331	6290026	11813739	9.726265	9.798652
18	5325808	6292462	11815036	9.726385	9.798820
19	5327286	6294899	11816334	9.726506	9.798989
20	5328763	6297336	11817632	9.726626	9.799157
21	5330239	6299774	11818932	9.726747	9.799325
22	5331716	6302212	11820231	9.726867	9.799493
23	5333192	6304651	11821532	9.726987	9.799661
24	5334669	6307090	11822833	9.727107	9.799829
25	5336145	6309530	11824135	9.727227	9.799997
26	5337621	6311970	11825437	9.727348	9.800165
27	5339097	6314411	11826740	9.727468	9.800333
28	5340572	6316853	11828044	9.727588	9.800501
29	5342048	6319295	11829348	9.727708	9.800668
30	5343523	6321737	11830653	9.727828	9.800836
31	5344998	6324180	11831959	9.727947	9.801004
32	5346473	6326624	11833265	9.728067	9.801172
33	5347948	6329068	11834572	9.728187	9.801340
34	5349423	6331513	11835880	9.728307	9.801507
35	5350897	6333958	11837188	9.728426	9.801675
36	5352372	6336404	11838497	9.728546	9.801843
37	5353846	6338850	11839807	9.728666	9.802010
38	5355320	6341297	11841117	9.728785	9.802178
39	5356794	6343745	11842428	9.728905	9.802346
40	5358268	6346193	11843739	9.729024	9.802513
41	5359741	6348641	11845051	9.729144	9.802681
42	5361215	6351090	11846364	9.729263	9.802848
43	5362688	6353540	11847678	9.729382	9.803016
44	5364161	6355990	11848992	9.729502	9.803183
45	5365634	6358441	11850307	9.729621	9.803350
46	5367107	6360892	11851622	9.729740	9.803518
47	5368579	6363344	11852938	9.729859	9.803685
48	5370052	6365796	11854255	9.729978	9.803853
49	5371524	6368249	11855572	9.730097	9.804020
50	5372996	6370702	11856890	9.730216	9.804187

M.	Sinus.	Tangen.	Secant.	Lo. Sin.	Log. Tan.
100	8480481	16003345	18870799	9.928420	10.204211
99	8479556	15997132	18865530	9.928373	10.204042
98	8478630	15990922	18860264	9.928326	10.203873
97	8477705	15984715	18855002	9.928278	10.203705
96	8476779	15978512	18849744	9.928231	10.203536
95	8475853	15972312	18844489	9.928183	10.203368
94	8474927	15966116	18839237	9.928136	10.203199
93	8474000	15959923	18833989	9.928088	10.203031
92	8473073	15953734	18828745	9.928041	10.202862
91	8472146	15947548	18823504	9.927993	10.202694
90	8471219	15941366	18818266	9.927946	10.202525
89	8470291	15935187	18813032	9.927898	10.202357
88	8469364	15929011	18807802	9.927851	10.202189
87	8468435	15922839	18802574	9.927803	10.202020
86	8467507	15916670	18797351	9.927755	10.201852
85	8466578	15910505	18792131	9.927708	10.201684
84	8465650	15904343	18786914	9.927660	10.201516
83	8464720	15898185	18781701	9.927612	10.201347
82	8463791	15892030	18776491	9.927565	10.201179
81	8462861	15885878	18771285	9.927517	10.201011
80	8461931	15879730	18766082	9.927469	10.200843
79	8461001	15873586	18760883	9.927422	10.200675
78	8460071	15867444	18755687	9.927374	10.200507
77	8459140	15861306	18750494	9.927326	10.200339
76	8458209	15855172	18745305	9.927278	10.200171
75	8457278	15849041	18740120	9.927230	10.200003
74	8456347	15842913	18734938	9.927183	10.199835
73	8455415	15836788	18729759	9.927135	10.199667
72	8454483	15830667	18724584	9.927087	10.199499
71	8453551	15824550	18719412	9.927039	10.199331
70	8452618	15818436	18714243	9.926991	10.199163
69	8451685	15812325	18709078	9.926943	10.198995
68	8450752	15806217	18703917	9.926895	10.198828
67	8449819	15800113	18698759	9.926847	10.198660
66	8448886	15794012	18693604	9.926799	10.198492
65	8447952	15787915	18688453	9.926751	10.198325
64	8447018	15781821	18683305	9.926703	10.198157
63	8446083	15775730	18678160	9.926655	10.197989
62	8445149	15769643	18673019	9.926607	10.197822
61	8444214	15763559	18667881	9.926559	10.197654
60	8443279	15757478	18662747	9.926511	10.197487
59	8442344	15751401	18657616	9.926463	10.197319
58	8441408	15745327	18652489	9.926415	10.197151
57	8440472	15739257	18647364	9.926367	10.196984
56	8439536	15733189	18642244	9.926318	10.196817
55	8438600	15727125	18637126	9.926270	10.196649
54	8437663	15721065	18632012	9.926222	10.196482
53	8436726	15715007	18626901	9.926174	10.196314
52	8435789	15708953	18621794	9.926126	10.196147
51	8434852	15702903	18616690	9.926077	10.195980
50	8433914	15696856	18611590	9.926029	10.195812

M	Sinus.	Tang	Secant.	Lo. Sin	Lo. Tan
50	5372990	6370702	11856890	9.730[illegible]	9.804187
51	5374468	6373156	11858209	9.730355	9.804354
52	5375940	6375611	11859528	9.730454	9.804522
53	5377411	6378066	11860848	9.730573	9.804639
54	5378883	6380522	11862169	9.730692	9.804856
55	5380354	6382978	11863490	9.730811	9.805023
56	5381825	6385434	11864812	9.730929	9.805190
57	5383296	6387892	11866135	9.731048	9.805357
58	5384767	6390349	11867458	9.731167	9.805524
59	5386237	6392808	11868782	9.731285	9.805691
60	5387708	6395267	11870107	9.731404	9.805858
61	5389178	6397726	11871432	9.731522	9.806025
62	5390648	6400186	11872758	9.731641	9.806192
63	5392118	6402647	11874084	9.731759	9.806359
64	5393588	6405108	11875412	9.731878	9.806526
65	5395057	6417569	11876740	9.731996	9.806693
66	5396527	6410031	11878068	9.732114	9.806860
67	5397996	6412494	11879397	9.732232	9.807027
68	5399465	6414957	11880727	9.732351	9.807194
69	5400934	6417421	11882058	9.732469	9.807360
70	5402403	6419886	11883389	9.732587	9.807527
71	5403872	6422351	11884721	9.732705	9.807694
72	5405340	6424816	11886053	9.732823	9.807861
73	5406808	6427282	11887386	9.732941	9.808027
74	5408277	6429749	11888720	9.733059	9.808194
75	5409745	6422[illegible]16	11890055	9.733177	9.808360
76	5411212	6434684	11891390	9.733295	9.808527
77	5412680	6437152	11892726	9.733412	9.808694
78	5414147	6439621	11894062	9.733530	9.808860
79	5415615	6442090	11895399	9.733648	9.809027
80	5417082	6444360	11896737	9.733765	9.809193
81	5418549	6447031	11898075	9.733883	9.809360
82	5420016	6449502	11899415	9.734000	9.809526
83	5421482	6451973	11900754	9.734118	9.809692
84	5422949	6454445	11902095	9.734235	9.809859
85	5424415	6456918	11993436	9.734353	9.810025
86	5425881	6459391	11904778	9.734470	9.810191
87	5427347	6461865	11906120	9.734587	9.810358
88	5428813	6464339	11907463	9.734705	9.810524
89	5430279	6466814	11908807	9.734822	9.810690
90	5431744	6469290	11900152	9.734939	9.810856
91	5433210	6471766	11911497	9.735956	9.811023
92	5434675	6474243	11912842	9.735173	9.811189
93	5436140	6476720	11914189	9.735290	9.811355
94	5437605	6479198	11915536	9.735407	9.811521
95	5439069	6481676	11916884	9.735524	9.811687
96	5440534	6484155	11918232	9.735641	9.811853
97	5441998	6486634	11919581	9.735758	9.812019
98	5443462	6489114	11920931	9.735875	9.812185
99	5444926	6491595	11922282	9.735992	9.812351
	5446390	6494076	11923633	9.736109	9.812517

M	Sinus	Tangens	Secant.	Lo. Sin	Lo. Tan.
50	8433914	15696856	18611590	9.926025	10.195812
49	8432976	15690812	18606493	9.925981	10.195645
48	8432038	15684771	18601399	9.925932	10.195478
47	8431100	15678733	18596308	9.925884	10.195311
46	8430161	15672699	18591221	9.925836	10.195144
45	8429222	15666669	18586137	9.925787	10.194976
44	8428283	15660641	18581057	9.925739	10.194809
43	8427344	15654617	18575980	9.925691	10.194642
42	8426404	15648596	18570906	9.925642	10.194475
41	8425464	15642578	18565836	9.925594	10.194308
40	8424524	15636564	18560769	9.925545	10.194141
39	8423583	15630553	18555705	9.925497	10.193974
38	8422643	15624545	18550644	9.925448	10.193807
37	8421702	15618549	18545587	9.925400	10.193640
36	8420760	15612531	18540534	9.925351	10.193473
35	8419819	15606541	18535483	9.925303	10.193306
34	8418877	15600547	18530436	9.925254	10.193140
33	8417935	15594555	18525392	9.925205	10.192973
32	8416993	15588567	18520352	9.925157	10.192806
31	8416050	15582582	18515314	9.925108	10.192639
30	8415108	15576601	18510281	9.925059	10.192472
29	8414165	15570622	18505250	9.925011	10.192306
28	8413221	15564647	18500223	9.924962	10.192139
27	8412278	15558675	18495199	9.924913	10.191972
26	8411334	15552706	18490178	9.924865	10.191806
25	8410390	15546741	18485160	9.924816	10.191639
24	8409446	15540779	18480146	9.924767	10.191473
23	8408501	15534820	18475135	9.924718	10.191306
22	8407556	15528864	18470128	9.924670	10.191139
21	8406611	15522912	18465123	9.924621	10.190973
20	8405666	15516962	18460122	9.924572	10.190807
19	8404720	15511016	18455125	9.924523	10.190640
18	8403774	15505074	18450130	9.924474	10.190474
17	8402828	15499134	18445139	9.924425	10.190307
16	8401882	15493197	18440151	9.924376	10.190141
15	8400935	15487264	18435166	9.924327	10.189975
14	8399988	15481334	18430185	9.924279	10.189808
13	8399041	15475407	18425207	9.924230	10.189642
12	8398094	15469484	18420232	9.924181	10.189476
11	8397146	15463564	18415260	9.924132	10.189309
10	8396198	15457646	18410291	9.924083	10.189143
9	8395250	15451732	18405326	9.924033	10.188977
8	8394302	15445822	18400364	9.923984	10.188811
7	8393353	15439914	18395405	9.923935	10.188645
6	8392404	15434009	18390450	9.923886	10.188479
5	8391455	15428108	18385498	9.923837	10.188312
4	8390506	15422210	18380548	9.923788	10.188146
3	8389556	15416315	18375603	9.923739	10.187980
2	8388606	15410423	18370660	9.923690	10.187814
1	8387656	15404535	18365721	9.923641	10.187648
0	8386705	15398649	18360784	9.923592	10.187482

A	Sinus	Tang.	Secant.	Lo. Sin.	Lo Tan
0	5446330	6434076	11925633	9.736109	9.812517
1	5447654	6496557	11924935	9.736225	9.812683
2	5449317	6493040	11926337	9.736342	9.812849
3	5450781	6501522	11927650	9.736459	9.813015
4	5452244	6510006	11920044	9.736575	9.813181
5	5453707	6516490	11930398	9.736692	9.813347
6	5455170	6508974	11931754	9.736808	9.813512
7	5456632	6511459	11933109	9.736925	9.813678
8	5458095	6513945	11934466	9.737041	9.813844
9	5459557	6516431	11935823	9.737157	9.814010
10	5461019	6518918	11937181	9.737274	9.814175
11	5462481	6521405	11938539	9.737390	9.814341
12	5463943	6523893	11939899	9.737506	9.814507
13	5465405	6526381	11941258	9.737622	9.814672
14	5466866	6528870	11942619	9.737738	9.814838
15	5468328	6531360	11943980	9.737854	9.815003
16	5469789	6533850	11945342	9.737970	9.815169
17	5471250	6536341	11946705	9.738086	9.815335
18	5472711	6538832	11948068	9.738202	9.815500
19	5474172	6541324	11949432	9.738318	9.815665
20	5475632	6543816	11950797	9.738434	9.815831
21	5477092	6546309	11952162	9.738550	9.815996
22	5478553	6548803	11953527	9.738666	9.816162
23	5480013	6551297	11954894	9.738781	9.816327
24	5481472	6553792	11956261	9.738897	9.816492
25	5482932	6556287	11957629	9.739013	9.816658
26	5484392	6558783	11958998	9.739128	9.816823
27	5485851	6561279	11960367	9.739244	9.816988
28	5487310	6563776	11961737	9.739359	9.817154
29	5488769	6566274	11963108	9.739475	9.817319
30	5490228	6568772	11964479	9.739590	9.817484
31	5491687	6571271	11965851	9.739706	9.817649
32	5493145	6573770	11967224	9.739821	9.817814
33	5494604	6576270	11968597	9.739936	9.817979
34	5496062	6578770	11969971	9.740051	9.818145
35	5497520	6581271	11971346	9.740167	9.818310
36	5498978	6583773	11972722	9.740282	9.818475
37	5500435	6586275	11974098	9.740397	9.818640
38	5501893	6588778	11975475	9.740512	9.818805
39	5503350	6591281	11976852	9.740627	9.818970
40	5504807	6593785	11978230	9.740742	9.819135
41	5506264	6596289	11979609	9.740857	9.819300
42	5507721	6598794	11980988	9.740972	9.819464
43	5509178	6601300	11982369	9.741087	9.819629
44	5510634	6603806	11983750	9.741201	9.819794
45	5512091	6606313	11985131	9.741316	9.819959
46	5513547	6608820	11986513	9.741431	9.820124
47	5515003	6611328	11987896	9.741546	9.820289
48	5516459	6613837	11989280	9.741660	9.820453
49	5517914	6616346	11990664	9.741775	9.820618
50	5519370	6618855	11992049	9.741889	9.820783

M	Sinus.	Tangen.	Secant.	Lo. Sin.	Lo. Tan.
100	8386705	15398649	18360784	9.923591	10.187432
99	8385755	15392767	18355851	9.923542	10.187317
98	8384804	15386888	18350922	9.923493	10.187151
97	8383853	15380012	18345995	9.923443	10.186985
96	8382901	15375139	18341072	9.923394	10.186819
95	8381949	15369270	18336152	9.923345	10.186653
94	8380997	15363403	18331235	9.923296	10.186487
93	8380045	15357540	18326321	9.923246	10.186321
92	8379093	15351680	18321410	9.923197	10.186156
91	8378140	15345823	18316503	9.923147	10.185990
90	8377187	15339969	18311599	9.923098	10.185824
89	8376234	15334118	18306698	9.923049	10.185659
88	8375280	15328270	18301800	9.922999	10.185493
87	8374326	15322426	18296905	9.922950	10.185327
86	8373372	15316584	18292014	9.922900	10.185162
85	8372418	15310746	18287125	9.922851	10.184996
84	8371464	15304911	18282240	9.922801	10.184831
83	8370509	15299079	18277358	9.922752	10.184665
82	8369554	15293250	18272479	9.922702	10.184500
81	8368598	15287424	18267604	9.922653	10.184334
80	8367643	15281602	18262731	9.922603	10.184169
79	8366687	15275782	18257862	9.922553	10.184003
78	8365731	15269965	18252996	9.922504	10.183838
77	8364775	15264152	18248132	9.922454	10.183672
76	8363818	15258342	18243273	9.922404	10.183507
75	8362861	15252535	18238416	9.922355	10.183342
74	8361904	15246730	18233562	9.922305	10.183177
73	8360947	15240929	18228712	9.922255	10.183011
72	8359989	15235132	18223864	9.922206	10.182846
71	8359032	15229337	18219020	9.922156	10.182681
70	8358073	15223545	18214179	9.922106	10.182516
69	8357115	15217756	18209341	9.922056	10.182350
68	8356156	15211971	18204506	9.922006	10.182185
67	8355198	15206188	18199674	9.921957	10.182020
66	8354238	15200408	18194846	9.921907	10.181855
65	8353279	15194632	18190020	9.921857	10.181690
64	8352319	15188859	18185198	9.921807	10.181525
63	8351360	15183088	18180379	9.921757	10.181360
62	8350399	15177321	18175563	9.921707	10.181195
61	8349439	15171557	18170750	9.921657	10.181030
60	8348478	15165796	18165940	9.921607	10.180865
59	8347518	15160038	18161133	9.921557	10.180700
58	8346556	15154283	18156329	9.921507	10.180535
57	8345595	15148531	18151528	9.921457	10.180370
56	8344633	15142782	18146731	9.921407	10.180205
55	8343671	15137036	18141936	9.921357	10.180041
54	8342709	15131293	18137145	9.921307	10.179876
53	8341747	15125553	18132357	9.921257	10.179711
52	8340784	15119816	18127571	9.921207	10.179546
51	8339821	15114083	18122789	9.921157	10.179382
50	8338858	15108352	18118010	9.921106	10.179217

M	Sinus.	Tang.	Secant.	Lo. Sin.	Lo. Tan.
50	5519370	6618655	11992049	9.741889	9.820783
51	5520825	6623236	11993435	9.742004	9.820947
52	5522280	6623676	11994821	9.742118	9.821112
53	5523735	6626388	11991208	9.742233	9.821277
54	5525190	6628900	11997596	9.742347	9.821441
55	5526645	6631412	11998984	9.742461	9.821606
56	5528099	6633926	12000374	9.742576	9.821770
57	5529553	6636439	12001763	9.742690	9.821935
58	5531008	6638954	12003154	9.742804	9.822099
59	5532461	6641468	12004545	9.742918	9.822264
60	5533915	6643984	12005937	9.743032	9.822428
61	5535369	6646500	12007329	9.743146	9.822593
62	5536822	6649017	12008723	9.743260	9.822757
63	5538276	6651534	12010117	9.743374	9.822922
64	5539729	6654052	12011511	9.743488	9.823086
65	5541182	6656570	12012906	9.743602	9.823250
66	5542635	6659089	12014302	9.743716	9.823415
67	5544087	6661609	12015699	9.743830	9.823579
68	5545540	6664129	12017097	9.743944	9.823743
69	5546992	6666649	12018495	9.744057	9.823907
70	5548444	6669171	12019893	9.744171	9.824072
71	5549896	6671693	12021293	9.744285	9.824236
72	5551348	6674215	12022693	9.744398	9.824400
73	5552799	6676738	12024094	9.744512	9.824564
74	5554251	6679262	12025495	9.744625	9.824728
75	5555702	6681786	12026898	9.744739	9.824892
76	5557153	6684311	12028300	9.744852	9.825056
77	5558604	6686836	12029704	9.744966	9.825221
78	5560055	6689362	12031108	9.745079	9.825385
79	5561506	6691889	12032513	9.745192	9.825549
80	5562956	6694416	12033919	9.745305	9.825713
81	5564406	6696944	12035325	9.745419	9.825876
82	5565856	6699473	12036733	9.745532	9.826040
83	5567305	6702001	12038140	9.745645	9.826204
84	5568756	6704531	12039549	9.745758	9.826368
85	5570206	6707061	12040958	9.745871	9.826532
86	5571655	6709592	12042368	9.745984	9.826696
87	5573104	6712123	12043778	9.746097	9.826860
88	5574553	6714655	12045190	9.746210	9.827024
89	5576002	6717188	12046602	9.746323	9.827187
90	5577451	6719721	12048014	9.746436	9.827351
91	5578899	6722255	12049428	9.746548	9.827515
92	5580348	6724789	12050842	9.746661	9.827678
93	5581796	6727324	12052256	9.746774	9.827842
94	5583244	6729859	12053672	9.746886	9.828006
95	5584692	6732395	12055088	9.746999	9.828169
96	5586140	6734932	12056505	9.747112	9.828333
97	5587587	6737469	12057922	9.747224	9.828497
98	5589035	6740007	12059341	9.747337	9.828660
99	5590482	6742546	12060760	9.747449	9.828824
	5591929	6745085	12062179	9.747561	9.828987

M	Sinus.	Tangen.	Secant.	Lo. Sin.	Lo. Tan.
50	8338858	15108352	18118010	9.921106	10.179217
49	8337895	15102624	18113234	9.921056	10.179052
48	8336931	15096899	18118461	9.921006	10.178888
47	8335967	15091178	18103691	9.920956	10.178723
46	8335003	15085459	18098924	9.920906	10.178558
45	8334038	15079743	18094161	9.920855	10.178394
44	8333074	15074030	18089400	9.920805	10.178229
43	8332109	15068321	18084642	9.920755	10.178065
42	8331143	15062614	18079888	9.920704	10.177900
41	8330178	15056910	18075136	9.920654	10.177736
40	8329212	15051210	18070388	9.920604	10.177571
39	8328246	15045512	18065642	9.920553	10.177407
38	8327280	15039817	18060900	9.920503	10.177242
37	8326314	15034126	18056161	9.920453	10.177078
36	8325347	15028437	18051424	9.920402	10.176914
35	8324380	15022751	18046691	9.920352	10.176749
34	8323413	15017069	18041961	9.920301	10.176585
33	8322445	15011389	18037233	9.920251	10.176421
32	8321477	15005712	18032509	9.920200	10.176256
31	8320510	15000038	18027788	9.920150	10.176092
30	8319541	14994367	18023070	9.920099	10.175928
29	8318573	14988699	18018355	9.920049	10.175764
28	8317604	14983034	18013643	9.919998	10.175600
27	8316635	14977372	18008933	9.919947	10.175435
26	8315665	14971713	18004227	9.919897	10.175271
25	8314696	14966057	17999524	9.919846	10.175107
24	8313727	14960404	17994824	9.919796	10.174943
23	8312756	14954754	17990127	9.919745	10.174779
22	8311786	14949107	17985433	9.919694	10.174615
21	8310815	14943463	17980742	9.919643	10.174451
20	8309844	14937821	17976054	9.919593	10.174287
19	8308873	14932183	17971369	9.919542	10.174123
18	8307902	14926548	17966687	9.919491	10.173959
17	8306931	14920915	17962007	9.919440	10.173795
16	8305959	14915286	17957331	9.919390	10.173631
15	8304987	14909659	17952658	9.919339	10.173468
14	8304014	14904035	17947988	9.919288	10.173304
13	8303042	14898415	17943321	9.919237	10.173140
12	8302069	14892797	17938656	9.919186	10.172976
11	8301096	14887182	17933995	9.919135	10.172812
10	8300123	14881570	17929337	9.919084	10.172649
9	8299149	14875961	17924681	9.919033	10.172485
8	8298175	14870354	17920029	9.918982	10.172321
7	8297201	14864751	17915380	9.918931	10.172157
6	8296227	14859151	17910733	9.918880	10.171994
5	8295252	14853553	17906090	9.918829	10.171830
4	8294277	14847959	17901449	9.918778	10.171667
3	8293302	14842367	17896811	9.918727	10.171503
2	8292327	14836778	17892177	9.918676	10.171339
1	8291351	14831192	17887545	9.918625	10.171176
0	8290376	14825609	17882916	9.918574	10.171012

M	Sinus.	Fang.	Secant.	Lo. Sin.	Lo. Tan.
0	5591929	6745085	12062179	9.747561	9.828987
1	5593376	6747625	12063600	9.747674	9.829151
2	5594822	6750165	12065021	9.747786	9.829314
3	5596269	6752706	12066442	9.747898	9.829478
4	5597715	6755247	12067865	9.748011	9.829641
5	5599161	6757789	12069288	9.748123	9.829804
6	5600607	6760332	12070712	9.748235	9.829968
7	5602053	6762875	12072137	9.748347	9.830131
8	5603499	6765419	12073562	9.748459	9.830295
9	5604944	6767964	12074988	9.748571	9.830458
10	5606390	6770509	12076415	9.748683	9.830621
11	5607835	6773054	12077842	9.748795	9.830784
12	5609280	6775601	12079270	9.748907	9.830948
13	5610725	6778148	12080699	9.749019	9.831111
14	5612169	6780695	12082128	9.749131	9.831274
15	5613614	6783243	12083559	9.749242	9.831437
16	5615058	6785792	12084989	9.749354	9.831600
17	5616502	6788341	12086421	9.749466	9.831763
18	5617946	6790891	12087853	9.749577	9.831927
19	5619390	6793442	12089286	9.749689	9.832090
20	5620834	6795993	12090720	9.749801	9.832253
21	5622277	6798545	12092155	9.749912	9.832416
22	5623720	6801097	12093590	9.750024	9.832579
23	5625163	6803650	12095026	9.750135	9.832742
24	5626606	6806203	12096462	9.750246	9.832905
25	5628049	6808757	12097900	9.750358	9.833068
26	5629492	6811312	12099338	9.750469	9.833231
27	5630934	6813868	12100776	9.750580	9.833394
28	5632376	6816424	12102216	9.750691	9.833556
29	5633818	6818980	12103656	9.750803	9.833719
30	5635260	6821537	12105097	9.750914	9.833882
31	5636702	6824095	12106538	9.751025	9.834045
32	5638144	6826653	12107981	9.751136	9.834208
33	5639585	6829213	12109424	9.751247	9.834370
34	5641026	6831772	12110867	9.751358	9.834533
35	5642467	6834332	12112312	9.751469	9.834696
36	5643908	6836893	12113757	9.751580	9.834859
37	5645349	6839455	12115203	9.751691	9.835021
38	5646789	6842017	12116649	9.751801	9.835184
39	5648230	6844579	12118097	9.751912	9.835347
40	5649670	6847143	12119545	9.752023	9.835509
41	5651110	6849707	12120993	9.752134	9.835672
42	5652550	6852271	12122443	9.752244	9.835834
43	5653989	6854836	12123893	9.752355	9.835997
44	5655429	6857402	12125344	9.752465	9.836159
45	5656868	6859968	12126795	9.752576	9.836322
46	5658307	6862535	12128248	9.752686	9.836484
47	5659746	6865103	12129701	9.752797	9.836647
48	5661185	6867671	12131154	9.752907	9.836809
49	5662624	6870240	12132609	9.753018	9.836972
50	5664062	6872809	12134064	9.753128	9.837134

M.	Sinus.	Tangen.	Secant.	Lo. Sin.	Log. Tan.
100	8290376	14825609	17882916	9.918574	10.171012
99	8289399	14820029	17878290	9.918523	10.170849
98	8288423	14814452	17873668	9.918472	10.170685
97	8287446	14808878	17869048	9.918421	10.170522
96	8286470	14803306	17864431	9.918369	10.170359
95	8285492	14797738	17859816	9.918318	10.170195
94	8284515	14792172	17855205	9.918267	10.170032
93	8283538	14786609	17850597	9.918216	10.169868
92	8282560	14781049	17845992	9.918164	10.169705
91	8281582	14775492	17841389	9.918113	10.169542
90	8280603	14769938	17836790	9.918062	10.169378
89	8279625	14764387	17832193	9.918010	10.169215
88	8278646	14758838	17827600	9.917959	10.169052
87	8277667	14753293	17823009	9.917908	10.168889
86	8276687	14747750	17818421	9.917856	10.168726
85	8275707	14742210	17813836	9.917805	10.168562
84	8274728	14736673	17809254	9.917754	10.168399
83	8273747	14731139	17804675	9.917702	10.168236
82	8272767	14725607	17800098	9.917651	10.168073
81	8271786	14720079	17795525	9.917599	10.167910
80	8270806	14714553	17790955	9.917548	10.167747
79	8269824	14709030	17786387	9.917496	10.167584
78	8268843	14703510	17781822	9.917445	10.167421
77	8267861	14697993	17777261	9.917393	10.167258
76	8266879	14692479	17772702	9.917341	10.167095
75	8265897	14686967	17768146	9.917290	10.166932
74	8264915	14681458	17763592	9.917238	10.166769
73	8263932	14675952	17759042	9.917187	10.166606
72	8262949	14670449	17754495	9.917135	10.166443
71	8261966	14664949	17749950	9.917083	10.166280
70	8260983	14659452	17745408	9.917032	10.166118
69	8259999	14653957	17740870	9.916980	10.165955
68	8259015	14648465	17736334	9.916928	10.165792
67	8258031	14642976	17731800	9.916876	10.165629
66	8257047	14637490	17727270	9.916825	10.165466
65	8256062	14632007	17722743	9.916773	10.165304
64	8255077	14626526	17718218	9.916721	10.165141
63	8254092	14621048	17713697	9.916669	10.164978
62	8253106	14615573	17709178	9.916617	10.164816
61	8252121	14610101	17704662	9.916565	10.164653
60	8251135	14604631	17700149	9.916513	10.164490
59	8250149	14599165	17695638	9.916462	10.164328
58	8249162	14593701	17691131	9.916410	10.164165
57	8248175	14588240	17686626	9.916358	10.164003
56	8247189	14582782	17682124	9.916306	10.163840
55	8246201	14577326	17677625	9.916254	10.163678
54	8245214	14571873	17673129	9.916202	10.163515
53	8244226	14566423	17668636	9.916150	10.163353
52	8243238	14560976	17664145	9.916098	10.163190
51	8242250	14555532	17659658	9.916046	10.163028
50	8241262	14550090	17655173	9.915994	10.162865

M	Sinus.	Tang.	Secant.	Lo. Sin.	Lo. Tan
50	5664062	6872809	12134264	9.753128	9.837134
51	5665500	6875379	12135520	9.753238	9.837296
52	5666938	6877950	12136976	9.753348	9.837459
53	5668377	6880521	12138434	9.753459	9.837621
54	5669814	6883093	12139892	9.753569	9.837783
55	5671252	6885666	12141350	9.753679	9.837946
56	5672689	6888239	12142810	9.753789	9.838108
57	5674127	6890813	12144270	9.753899	9.838270
58	5675564	6893387	12145731	9.754009	9.838432
59	5677001	6895962	12147193	9.754119	9.838595
60	5678437	6898538	12148655	9.754229	9.838757
61	5679874	6901114	12150118	9.754339	9.838919
62	5681310	6903691	12151582	9.754448	9.839081
63	5682746	6906268	12153047	9.754558	9.839243
64	5684182	6908846	12154512	9.754668	9.839405
65	5685618	6911425	12155978	9.754778	9.839567
66	5687054	6914004	12157444	9.754887	9.839729
67	5688490	6916584	12158912	9.754997	9.839891
68	5689925	6919165	12160380	9.755106	9.840054
69	5691360	6921746	12161849	9.755216	9.840215
70	5692795	6924328	12163319	9.755325	9.840377
71	5694230	6926911	12164789	9.755435	9.840539
72	5695665	6929494	12166260	9.755544	9.840701
73	5697099	6932077	12167732	9.755654	9.840863
74	5698533	6934662	12169204	9.755763	9.841025
75	5699967	6937247	12170677	9.755872	9.841187
76	5701401	6939832	12172151	9.755981	9.841349
77	5702835	6942418	12173626	9.756091	9.841511
78	5704269	6945005	12175101	9.756200	9.841672
79	5705702	6947593	12176578	9.756309	9.841834
80	5707135	6950181	12178055	9.756418	9.841996
81	5708569	6952770	12179532	9.756527	9.842158
82	5710001	6955359	12181010	9.756636	9.842319
83	5711434	6957949	12182490	9.756745	9.842481
84	5712867	6960540	12183969	9.756854	9.842643
85	5714299	6963131	12185450	9.756963	9.842804
86	5715731	6965723	12186931	9.757072	9.842966
87	5717163	6968315	12188413	9.757180	9.843128
88	5718595	6970908	12189896	9.757289	9.843289
89	5720027	6973502	12191379	9.757398	9.843452
90	5721459	6976096	12192863	9.757507	9.843612
91	5722890	6978691	12194348	9.757615	9.843774
92	5724321	6981287	12195834	9.757724	9.843935
93	5725752	6983883	12197320	9.757832	9.844097
94	5727183	6986480	12198808	9.757941	9.844258
95	5728613	6989078	12200295	9.758049	9.844420
96	5730044	6991676	12201784	9.758158	9.844581
97	5731474	6994275	12203273	9.758266	9.844743
98	5732904	6996874	12204763	9.758375	9.844904
99	5734334	6999475	12206254	9.758483	9.845065
	5735764	7002075	12207746	9.758591	9.845227

M	Sinus	Tangens	Secant.	Lo. Sin	Lo. Tan.
50	8241262	14550030	17655173	9.915994	10.162365
49	8240273	14544651	17650691	9.915941	10.162703
48	8239284	14539215	17646211	9.915883	10.162541
47	8238295	14533782	17641735	9.915837	10.162378
46	8237305	14528351	17637261	9.915735	10.162216
45	8236316	14522923	17632790	9.915733	10.162054
44	8235326	14517498	17628322	9.915681	10.161892
43	8234336	14512076	17623857	9.915628	10.161729
42	8233345	14506656	17619395	9.915576	10.161567
41	8232354	14501239	17614935	9.915524	10.161405
40	8231363	14495825	17610478	9.915472	10.161243
39	8230372	14490414	17606024	9.915419	10.161081
38	8229381	14485005	17601573	9.915367	10.160918
37	8228389	14479599	17597124	9.915315	10.160756
36	8227397	14474196	17592679	9.915262	10.160594
35	8226405	14468795	17588236	9.915211	10.160432
34	8225413	14463398	17583796	9.915157	10.160270
33	8224420	14458003	17579358	9.915105	10.160108
32	8223427	14452610	17574924	9.915053	10.159946
31	8222434	14447221	17570492	9.915000	10.159784
30	8221440	14441834	17566063	9.914948	10.159622
29	8220447	14436450	17561637	9.914895	10.159460
28	8219453	14431068	17557213	9.914843	10 159298
27	8218458	14425690	17552792	9.914790	10.159136
26	8217464	14420314	17548374	9.914738	10.158975
25	8216469	14414940	17543959	9.914685	10.158813
24	8215474	14409570	17539547	9.914632	10.158651
23	8214479	14404202	17535137	9.914580	10.158489
22	8213484	14398837	17530730	9.914527	10.158327
21	8212488	14393474	17526326	9.914475	10.158165
20	8211492	14388114	17521924	9.914422	10.158004
19	8210496	14382757	17517525	9.914369	10.157842
18	8209499	14377403	17513129	9.914316	10.157680
17	8208503	14372051	17508736	9.914264	10.157519
16	8207506	14366702	17504346	9.914211	10.157357
15	8206508	14361355	17499958	9.914158	10.157195
14	8205511	14356012	17495573	9.914105	10.157034
13	8204513	14350671	17491191	9.914053	10.156872
12	8203515	14345332	17486811	9.914000	10.156710
11	8202517	14339997	17482434	9.913947	10.156549
10	8201519	14334664	17478060	9.913894	10 156387
9	8200520	14329333	17473689	9.913841	10.156226
8	8199521	14324006	17469320	9.913788	10.156064
7	8198522	14318681	17464954	9.913735	10.155903
6	8197522	14313358	17460591	9.913682	10.155741
5	8196523	14308039	17456230	9.913629	10.155580
4	8195523	14302722	17451872	9.913576	10.155418
3	8194522	14297407	17447517	9.913523	10.155257
2	8193522	14292095	17443165	9.913470	10.155096
1	8192521	14286786	17438815	9.913417	10.154934
0	8191520	14281480	17434468	9.913364	10.154773

M.	Sinus.	Tang.	Secant.	Lo. Sin.	Lo. Tan.
0	5735751	7002075	12207746	9.758591	9.845227
1	5737194	7004677	12209238	9.758699	9.845388
2	5738623	7007279	12210731	9.758808	9.845549
3	5740052	7009881	12212225	9.758916	9.845710
4	5741482	7012484	12213719	9.759024	9.845872
5	5742910	7015088	12215214	9.759132	9.846033
6	5744339	7017693	12216710	9.759240	9.846194
7	5745768	7020298	12218207	9.759348	9.846355
8	5747196	7022904	12219704	9.759456	9.846517
9	5748624	7025510	12221203	9.759564	9.846678
10	5750052	7028118	12222702	9.759672	9.846839
11	5751480	7030725	12224201	9.759779	9.847000
12	5752908	7033334	12225702	9.759887	9.847161
13	5754335	7035943	12227203	9.759995	9.847322
14	5755763	7038552	12228705	9.760103	9.847483
15	5757190	7041163	12230207	9.760210	9.847645
16	5758617	7043774	12231711	9.760318	9.847805
17	5760044	7046385	12233215	9.760426	9.847966
18	5761470	7048997	12234720	9.760533	9.848127
19	5762897	7051610	12236225	9.760641	9.848288
20	5764323	7054224	12237731	9.760748	9.848449
21	5765749	7056838	12239239	9.760856	9.848610
22	5767175	7059453	12240746	9.760963	9.848771
23	5768601	7062068	12242255	9.761070	9.848932
24	5770026	7064684	12243764	9.761178	9.849092
25	5771452	7067301	12245274	9.761285	9.849253
26	5772877	7069918	12246785	9.761392	9.849414
27	5774302	7072536	12248297	9.761499	9.849575
28	5775727	7075155	12249809	9.761606	9.849736
29	5777151	7077774	12251322	9.761714	9.849897
30	5778576	7080394	12252836	9.761821	9.850057
31	5780000	7083015	12254350	9.761928	9.850218
32	5781425	7085636	12255866	9.762035	9.850379
33	5782849	7088258	12257382	9.762142	9.850539
34	5784272	7090881	12258898	9.762249	9.850700
35	5785696	7093504	12260416	9.762355	9.850861
36	5787119	7096128	12261934	9.762462	9.851021
37	5788543	7098752	12263453	9.762569	9.851182
38	5789966	7101378	12264973	9.762676	9.851342
39	5791389	7104003	12266493	9.762783	9.851503
40	5792812	7106630	12268015	9.762889	9.851664
41	5794234	7109257	12269537	9.762996	9.851824
42	5795657	7111885	12271060	9.763102	9.851985
43	5797079	7114513	12272583	9.763209	9.852145
44	5798501	7117142	12274107	9.763316	9.852305
45	5799923	7119772	12275632	9.763422	9.852466
46	5801344	7122402	12277158	9.763528	9.852626
47	5802766	7125033	12278685	9.763635	9.852787
48	5804187	7127665	12280212	9.763741	9.852947
49	5805608	7130297	12281740	9.763848	9.853107
50	5807029	7132930	12283269	9.763954	9.853268

M	Sinus.	Tangen.	Secant.	Lo. Sin.	Lo. Tan.
100	8191520	14281480	17434468	9.913364	10.154773
99	8190519	14276176	17430123	9.913311	10.154612
98	8189518	14270875	17425782	9.913258	10.154450
97	8188516	14265576	17421443	9.913205	10.154289
96	8187514	14260281	17417107	9.913152	10.154123
95	8186512	14254987	17412773	9.913099	10.153967
94	8185509	14249697	17408442	9.913046	10.153805
93	8184507	14244409	17404114	9.912992	10.153644
92	8183504	14239123	17399788	9.912939	10.153483
91	8182500	14233841	17395465	9.912886	10.153322
90	8181497	14228561	17391145	9.912833	10.153161
89	8180493	14223283	17386828	9.912779	10.153000
88	8179489	14218008	17382513	9.912726	10.152839
87	8178485	14212736	17378201	9.912673	10.152677
86	8177481	14207466	17373891	9.912619	10.152516
85	8176476	14202199	17369585	9.912566	10.152355
84	8175471	14196935	17365280	9.912513	10.152194
83	8174466	14191673	17360979	9.912459	10.152033
82	8173460	14186414	17356680	9.912406	10.151872
81	8172455	14181157	17352384	9.912352	10.151711
80	8171449	14175903	17348090	9.912299	10.151551
79	8170443	14170652	17343799	9.912245	10.151390
78	8169436	14165403	17339511	9.912192	10.151229
77	8168429	14160157	17335226	9.912138	10.151068
76	8167423	14154914	17330943	9.912085	10.150907
75	8166415	14149673	17326662	9.912031	10.150746
74	8165408	14144434	17322385	9.911970	10.150585
73	8164400	14139198	17318110	9.911924	10.150425
72	8163392	14133965	17313837	9.911870	10.150264
71	8162384	14128734	17309568	9.911817	10.150103
70	8161376	14123506	17305301	9.911763	10.149942
69	8160367	14118281	17301036	9.911710	10.149782
68	8159358	14113058	17296774	9.911656	10.149621
67	8158349	14107837	17292515	9.911602	10.149460
66	8157340	14102620	17288258	9.911548	10.149300
65	8156330	14097404	17284004	9.911495	10.149139
64	8155320	14092192	17279753	9.911441	10.148978
63	8154310	14086982	17275504	9.911387	10.148818
62	8153299	14081774	17271258	9.911333	10.148657
61	8152289	14076569	17267015	9.911279	10.148497
60	8151278	14071367	17262774	9.911225	10.148336
59	8150267	14066167	17258536	9.911172	10.148176
58	8149255	14060970	17254300	9.911118	10.148015
57	8148244	14055775	17250067	9.911064	10.147855
56	8147232	14050583	17245836	9.911010	10.147694
55	8146219	14045393	17241608	9.910956	10.147534
54	8145207	14040206	17237383	9.910902	10.147373
53	8144194	14035021	17233160	9.910848	10.147213
52	8143182	14029839	17228940	9.910794	10.147053
51	8142168	14024660	17224723	9.910740	10.146892
50	8141155	14019483	17220508	9.910686	10.146732

M	Sinus.	Tang.	Secant.	Lo. Sin.	Lo. Tan.
50	5807229	7132930	12283269	9.763954	9.853268
51	5809450	7135564	12284795	9.764060	9.853428
52	5809871	7138198	12286329	9.764166	9.853588
53	5811291	7140833	12287860	9.764272	9.853749
54	5812712	7143469	12289392	9.764379	9.853909
55	5814132	7146105	12290924	9.764485	9.854069
56	5815552	7148742	12292458	9.764591	9.854229
57	5816972	7151380	12293991	9.764697	9.854390
58	5818391	7154018	12295527	9.764803	9.854550
59	5819810	7156657	12297062	9.764909	9.854710
60	5821230	7159297	12298593	9.765015	9.854870
61	5822646	71619,7	12300136	9.765120	9.855030
62	5824067	7164578	12301674	9.765226	9.855190
63	5825486	7167219	12303212	9.765332	9.855351
64	5826905	7169862	12304752	9.765438	9.855511
65	5828323	7172504	12306292	9.765543	9.855671
66	5829741	7175145	12307833	9.765649	9.855831
67	5831159	7177792	12309374	9.765755	9.855991
68	5832577	7180437	12310917	9.765860	9.856151
69	5833994	7183083	12312460	9.765966	9.856311
70	5835412	7185727	12314004	9.766071	9.856471
71	5836829	7188375	12315549	9.766177	9.856631
72	5838246	7191023	12317094	9.766282	.856790
73	5839663	7193671	12318641	9.766388	9.856950
74	5841080	7196320	12320188	9.766493	9.857110
75	5842496	7198970	12321735	9.766598	9.857270
76	5843913	7201620	12323284	9.766704	9.857430
77	5845329	7204271	12324833	9.766809	9.857590
78	5846745	7206922	12326383	9.766914	9.857750
79	5848161	7209574	12327934	9.767019	9.857909
80	5849576	7212227	12329486	9.767124	9.858069
81	5850992	7214881	12331038	9.767229	9.858229
82	5852407	7217535	12332591	9.767334	9.858389
83	5853822	7220190	12334145	9.767439	9.858548
84	5855237	7222845	12335700	9.767544	9.858708
85	5856652	7225502	12337255	9.767649	9.858868
86	5858067	7228158	12338812	9.767754	9.859027
87	5859481	7230816	12340369	9.767859	9.859187
88	5860895	7233474	12341926	9.767964	9.859347
89	5862309	7236133	12343485	9.768069	9.859506
90	5863723	7238793	12345044	9.768173	9.859666
91	5865137	7241453	12346604	9.768278	9.859876
92	5866551	7244114	12348165	9.768383	9.859985
93	5867964	7246775	12349727	9.768487	9.860145
94	5869377	7249437	12351289	9 768592	9.860304
95	5870790	7252100	12352852	9.768696	9.860464
96	5872203	7254764	12354416	9.768801	9.860623
97	5873616	7257428	12355981	9.768905	9.860783
98	5875028	7260093	12357546	9.769010	9.860942
99	5876440	7262759	12359113	9.769114	9.861101
	5877852	7265425	12360680	9.769218	9.861261

M	Sinus.	Tangen.	Secant.	Lo. Sin.	Lo. Tan.
50	8141155	14019483	17220508	9.910686	10.146732
49	8140141	14014308	17216296	9.910632	10.146571
48	8139127	14009136	17212086	9.910578	10.146411
47	8138113	14003967	17207879	9.910524	10.146251
46	8137099	13998800	17203674	9.910469	10.146091
45	8136084	13993636	17199472	9.910415	10.145931
44	8135069	13988474	17195273	9.910361	10.145770
43	8134054	13983315	17191076	9.910307	10.145610
42	8133039	13978158	17186882	9.910253	10.145450
41	8132023	13973004	17182690	9.910198	10.145290
40	8131007	13967852	17178501	9.910144	10.145129
39	8129991	13962703	17174314	9.910090	10.144969
38	8128975	13957556	17170130	9.910036	10.144809
37	8127958	13952412	17165949	9.909981	10.144649
36	8126941	13947270	17161770	9.909927	10.144489
35	8125924	13942131	17157593	9.909873	10.144329
34	8124907	13936994	17153420	9.909818	10.144169
33	8123889	13931860	17149248	9.909764	10.144009
32	8122872	13926728	17145080	9.909709	10.143849
31	8121853	13921599	17140914	9.909655	10.143689
30	8120835	13916472	17136750	9.909601	10.143529
29	8119816	13911348	17132589	9.909546	10.143369
28	8118798	13906226	17128431	9.909492	10.143209
27	8117778	13901107	17124275	9.909437	10.143049
26	8116759	13895990	17120121	9.909382	10.142889
25	8115740	13890876	17115970	9.909328	10.142729
24	8114720	13885764	17111822	9.909273	10.142570
23	8113700	13880655	17107676	9.909219	10.142410
22	8112679	13875548	17103533	9.909164	10.142250
21	8111659	13870444	17099392	9.909109	10.142090
20	8110638	13865342	17095254	9.909055	10.141930
19	8109617	13860242	17091118	9.909000	10.141771
18	8108595	13855145	17086985	9.908945	10.141611
17	8107574	13850051	17082854	9.908891	10.141451
16	8106552	13844959	17078726	9.908836	10.141291
15	8105520	13839869	17074600	9.908781	10.141132
14	8104508	13834782	17070477	9.908726	10.140972
13	8103485	13829697	17066357	9.908672	10.140812
12	8102463	13824615	17062238	9.908617	10.140653
11	8101439	13819535	17058123	9.908562	10.140493
10	8100416	13814458	17054010	9.908507	10.140334
9	8099393	13809383	17049899	9.908452	10.140174
8	8098369	13804311	17045791	9.908397	10.140015
7	8097345	13799241	17041685	9.908342	10.139855
6	8096321	13794173	17037582	9.908288	10.139695
5	8095296	13789108	17033482	9.908233	10.139536
4	8094271	13784045	17029384	9.908178	10.139376
3	8093246	13778985	17025288	9.908123	10.139217
2	8092221	13773927	17021195	9.908068	10.139058
1	8091195	13768872	17017104	9.908013	10.138898
0	8090170	13763819	17013016	9.907957	10.138739

M	Sinus.	Tang.	Secant.	Lo. Sin.	Lo Tan.
0	5877852	7254425	12360080	9.769218	9.861261
1	5879264	7268092	12362247	9.769323	9.861420
2	5880676	7270760	12363816	9.769427	9.861580
3	5882088	7273428	12365385	9.769531	9.861739
4	5883499	7276097	12366955	9.769635	9.861898
5	5884910	7278767	12368516	9.769740	9.862058
6	5886321	7281437	12370093	9.769844	9.862217
7	5887732	7284108	12371670	9.769948	9.862376
8	5889143	7286780	12373244	9.770052	9.862535
9	5890553	7289452	12374818	9.770156	9.862695
10	5891963	7292125	12376392	9.770260	9.862854
11	5893373	7294799	12377968	9.770364	9.863013
12	5894783	7297473	12379544	9.770468	9.863172
13	5896193	7300149	12381121	9.770572	9.863332
14	5897603	7302824	12382699	9.770675	9.863491
15	5899012	7305501	12384278	9.770779	9.863650
16	5900421	7308178	12385857	9.770883	9.863809
17	5901830	7310856	12387438	9.770987	9.863968
18	5903239	7313534	12389019	9.771090	9.864127
19	5904648	7316214	12390600	9.771194	9.864286
20	5906056	7318893	12392183	9.771297	9.864445
21	5907465	7321574	12393766	9.771401	9.864604
22	5908873	7324255	12395350	9.771504	9.864763
23	5910281	7326937	12396935	9.771608	9.864922
24	5911689	7329620	12398521	9.771711	9.865081
25	5913096	7332302	12400108	9.771815	9.865240
26	5914504	7334987	12401695	9.771918	9.865399
27	5915911	7337672	12403283	9.772021	9.865558
28	5917318	7340357	12404872	9.772125	9.865717
29	5918725	7343043	12406461	9.772228	9.865876
30	5920132	7345730	12408052	9.772331	9.866035
31	5921538	7348418	12409643	9.772434	9.866194
32	5922944	7351106	12411235	9.772537	9.866352
33	5924351	7353794	12412828	9.772641	9.866511
34	5925757	7356484	12414421	9.772744	9.866670
35	5927162	7359174	12416016	9.772847	9.866829
36	5928568	7361865	12417611	9.772950	9.866988
37	5929973	7364557	12419207	9.773053	9.867146
38	5931379	7367249	12420803	9.773155	9.867305
39	5932784	7369942	12422401	9.773258	9.867464
40	5934189	7372636	12423999	9.773361	9.867623
41	5935593	7375330	12425598	9.773464	9.867781
42	5936998	7378025	12427198	9.773567	9.867940
43	5938402	7380721	12428799	9.773669	9.868099
44	5939806	7383417	12430400	9.773772	9.868257
45	5941210	7386114	12432002	9.773875	9.868416
46	5942614	7388812	12433605	9.773977	9.868574
47	5944018	7391511	12435209	9.774080	9.868733
48	5945421	7394210	12436814	9.774182	9.868892
49	5946825	7396910	12438419	9.774285	9.869050
50	5948228	7399611	12440025	9.774387	9.869209

M.	Sinus.	Tangen.	Secant.	Lo. Sin.	Log. Tan.
100	8090170	13763819	17013016	9.907957	10.138739
99	8089144	13758768	17008930	9.907902	10.138579
98	8088117	13753720	17004847	9.907847	10.138420
97	8087091	13748675	17000766	9.907792	10.138261
96	8086064	13743631	16996688	9.907737	10.138101
95	8085037	13738591	16992612	9.907682	10.137942
94	8084010	13733552	16988539	9.907627	10.137783
93	8082983	13728516	16984468	9.907571	10.137623
92	8081955	13723483	16980400	9.907516	10.137464
91	8080927	13718451	16976334	9.907461	10.137305
90	8079899	13713423	16972270	9.907406	10.137146
89	8078870	13708396	16968209	9.907350	10.136986
88	8077841	13703372	16964151	9.907295	10.136827
87	8076813	13698351	16960095	9.907240	10.136668
86	8075783	13693332	16956041	9.907184	10.136509
85	8074754	13688315	16951990	9.907129	10.136350
84	8073724	13683301	16947941	9.907074	10.136191
83	8072694	13678289	16943895	9.907018	10.136032
82	8071664	13673279	16939851	9.906963	10.135872
81	8070634	13668272	16935810	9.906907	10.135713
80	8069603	13663267	16931771	9.906852	10.135554
79	8068572	13658265	16927734	9.906796	10.135395
78	8067541	13653265	16923700	9.906741	10.135236
77	8066509	13648267	16919669	9.906685	10.135077
76	8065478	13643272	16915640	9.906630	10.134918
75	8064446	13638279	16911613	9.906574	10.134759
74	8063414	13633288	16907589	9.906519	10.134600
73	8062381	13628300	16903567	9.906463	10.134442
72	8061349	13623315	16899547	9.906408	10 134283
71	8060316	13618331	16895530	9.906352	10.134124
70	8059283	13613350	16891516	9.906296	10.133965
69	8058249	13608372	16887503	9.906241	10.133806
68	8057216	13603395	16883494	9.906185	10.133647
67	8056182	13598421	16879486	9.906129	10.133488
66	8055148	13593450	16875481	9.906073	10.133329
65	8054112	13588481	16871479	9.906018	10.133171
64	8053079	13583514	16867479	9.905962	10.133012
63	8052044	13578549	16863481	9.905906	10.132853
62	8051009	13573587	16859486	9.905850	10.132694
61	8049973	13568627	16855493	9.905794	10.132536
60	8048938	13563670	16851503	9.905738	10.132377
59	8047902	13558715	16847514	9.905682	10.132218
58	8046866	13553762	16843529	9.905627	10.132060
57	8045830	13548812	16839546	9.905571	10.131901
56	8044793	13543864	16835565	9.905515	10.131742
55	8043756	13538918	16831586	9.905459	10.131584
54	8042719	13533974	16827610	9.905403	10.131425
53	8041682	13529033	16823636	9.905347	10.131267
52	8040644	13524095	16819665	9.905291	10.131108
51	8039606	13519158	16815696	9.905235	10.130949
50	8038568	13514224	16811730	9.905179	10.130791

M	Sinus.	Tang.	Secant.	Lo. Sin.	Lo. Tan
50	5943223	7399611	12440025	9.774387	9.869209
51	5947631	7402312	12441632	9.774490	9.869367
52	5951033	7405014	12443240	9.774592	9.869526
53	5954436	7407717	12444849	9.774695	9.869684
54	5957838	7410420	12446458	9.774797	9.869843
55	5961240	7413124	12448068	9.774899	9.870001
56	5964642	7415829	12449679	9.775001	9.870160
57	5968044	7418534	12451291	9.775104	9.870318
58	5971445	7421241	12452904	9.775206	9.870476
59	5974847	7423948	12454517	9.775308	9.870635
60	5978249	7426655	12456131	9.775410	9.870793
61	5981650	7429364	12457746	9.775512	9.870951
62	5985051	7432073	12459362	9.775614	9.871110
63	5988451	7434782	12460979	9.775716	9.871268
64	5991852	7437493	12462596	9.775818	9.871426
65	5995252	7440204	12464214	9.775920	9.871585
66	5998652	7442916	12465833	9.776022	9.871743
67	6002052	7445628	12467453	9.776123	9.871901
68	6005452	7448341	12469073	9.776225	9.872059
69	6008852	7451055	12470695	9.776327	9.872218
70	6012251	7453770	12472317	9.776429	9.872376
71	6015651	7456485	12473940	9.776530	9.872534
72	6019050	7459202	12475564	9.776632	9.872692
73	6022449	7461918	12477188	9.776734	9.872850
74	6025847	7464636	12478813	9.776835	9.873008
75	6029246	7467354	12480440	9.776937	9.873167
76	6032644	7470073	12482067	9.777038	9.873325
77	6036042	7472792	12483694	9.777140	9.873483
78	6039440	7475513	12485323	9.777241	9.873641
79	6042838	7478234	12486952	9.777342	9.873799
80	6046236	7480956	12488583	9.777444	9.873957
81	6049633	7483678	12490214	9.777545	9.874115
82	6053030	7486401	12491845	9.777646	9.874273
83	6056428	7489125	12493478	9.777748	9.874431
84	6059824	7491850	12495111	9.777849	9.874589
85	6063221	7494575	12496746	9.777950	9.874747
86	6066618	7497301	12498381	9.778051	9.874905
87	6070014	7500028	12500017	9.778152	9.875063
88	6073410	7502755	12501653	9.778253	9.875221
89	6076806	7505483	12503291	9.778354	9.875378
90	6080202	7508212	12504929	9.778455	9.875536
91	6083598	7510942	12506568	9.778556	9.875694
92	6086993	7513672	12508208	9.778657	9.875852
93	6090388	7516403	12509849	9.778758	9.876010
94	6093783	7519135	12511490	9.778859	9.876168
95	6097178	7521867	12513133	9.778959	9.876325
96	6100573	7524600	12514776	9.779060	9.876481
97	6103968	7527334	12516420	9.779161	9.876643
98	6107362	7530069	12518064	9.779262	9.876799
99	6110756	7532804	12519710	9.779362	9.876956
	6114150	7535540	12521356	9.779463	9.877114

M	Sinus	Tangens	Secant.	Lo. Sin.	Lo. Tan.
50	8038568	13514224	16811730	9.905179	10.130791
49	8037530	13503292	16807765	9.905122	10.130632
48	8036492	13504363	16803804	9.905066	10.130474
47	8035453	13499436	16799844	9.905010	10.130315
46	8034414	13494511	16795887	9.904954	10.130157
45	8033375	13489589	16791933	9.904898	10.129999
44	8032335	13484669	16787980	9.904842	10.129840
43	8031295	13479750	16784031	9.904785	10.129682
42	8030255	13474835	16780083	9.904729	10.129523
41	8029215	13469922	16776138	9.904673	10.129365
40	8028175	13465011	16772195	9.904617	10.129207
39	8027134	13460103	16768255	9.904560	10.129048
38	8026093	13455196	16764317	9.904504	10.128895
37	8025052	13450292	16760381	9.904448	10.128730
36	8024010	13445391	16756447	9.904391	10.128572
35	8022968	13440491	16752516	9.904335	10.128415
34	8021926	13435594	16748588	9.904278	10.128257
33	8020884	13430700	16744662	9.904222	10.128098
32	8019842	13425807	16740738	9.904166	10.127940
31	8018799	13420917	16736816	9.904109	10.127782
30	8017756	13416029	16732897	9.904053	10.127624
29	8016713	13411143	16728980	9.903996	10.127466
28	8015670	13406260	16725065	9.903940	10.127307
27	8014626	13401379	16721153	9.903883	10.127149
26	8013582	13396500	16717243	9.903827	10.126991
25	8012538	13391624	16713336	9.903770	10.126833
24	8011494	13386750	16709430	9.903713	10.126675
23	8010449	13381878	16705528	9.903657	10.126517
22	8009404	13377008	16701627	9.903600	10.126359
21	8008359	13372141	16697729	9.903543	10.126201
20	8007314	13367276	16693833	9.903487	10.126043
19	8006268	13362413	16689939	9.903430	10.125885
18	8005222	13357552	16686048	9.903373	10.125727
17	8004176	13352694	16682159	9.903316	10.125569
16	8003130	13347838	16678273	9.903260	10.125411
15	8002083	13342984	16674388	9.903203	10.125253
14	8001036	13338133	16670506	9.903146	10.125095
13	7999989	13333284	16666627	9.903089	10.124937
12	7998942	13328437	16662749	9.903032	10.124779
11	7997894	13323592	16658874	9.902975	10.124620
10	7996846	13318749	16655002	9.902919	10.124463
9	7995798	13313909	16651131	9.902862	10.124305
8	7994750	13309071	16647263	9.902805	10.124148
7	7993701	13304235	16643397	9.902748	10.123990
6	7992653	13299402	16639534	9.902691	10.123832
5	7991604	13294571	16635673	9.902634	10.123674
4	7990554	13289742	16631814	9.902577	10.123516
3	7989505	13284915	16627957	9.902520	10.123359
2	7988455	13280090	16624103	9.902463	10.123201
1	7987405	13275268	16620251	9.902406	10.123043
0	7986355	13270448	16616401	9.902348	10.122885

M.	Sinus.	Tang.	Secant.	Lo. Sin.	Lo Tan.
0	6018150	7535542	12521356	9.779463	9.877114
1	6019544	7538277	12523004	9.779563	9.877272
2	6020937	7541015	12524652	9.779664	9.877430
3	6022331	7543753	12526300	9.779764	9.877587
4	6023724	7546492	12527950	9.779865	9.877745
5	6025117	7549231	12529601	9.779965	9.877903
6	6026510	7551972	12531252	9.780066	9.878060
7	6027903	7554713	12532904	9.780166	9.878218
8	6029295	7557455	12534557	9.780266	9.878375
9	6030688	7560197	12536211	9.780367	9.878533
10	6032080	7562940	12537865	9.780467	9.678690
11	6033472	7565684	12539521	9.780567	9.878848
12	6034863	7568429	12541177	9.780667	9.879006
13	6036255	7571175	12542834	9.780767	9.879163
14	6037646	7573921	12544492	9.780867	9.879321
15	6039038	7576668	12546150	9.780968	9.879478
16	6040429	7579415	12547810	9.781068	9.879636
17	6041819	7582164	12549470	9.781168	9.879793
18	6043210	7584913	12551131	9.781268	9.879950
19	6044601	7587662	12552793	9.781367	9.880108
20	6045991	7590413	12554456	9.781467	9.880265
21	6047381	7593164	12556120	9.781567	9.880423
22	6048771	7595916	12557784	9.781667	9.880580
23	6050161	7598669	12559449	9.781767	9.880737
24	6051550	7601422	12561115	9.781866	9.880895
25	6052940	7604176	12562782	9.781966	9.881052
26	6054323	7606931	12564450	9.782066	9.881209
27	6055718	7609687	12566119	9.782165	9.881367
28	6057107	7612442	12567788	9.782265	9.881524
29	6058495	7615200	12569458	9.782365	9.881681
30	6059884	7617958	12571129	9.782464	9.881838
31	6061272	7620717	12572801	9.782564	9.881996
32	6062660	7623476	12574474	9.782663	9.882153
33	6064048	7626236	12576147	9.782762	9.882310
34	6065436	7628997	12577821	9.782862	9.882467
35	6066823	7631759	12579497	9.782961	9.882624
36	6068211	7634521	12581173	9.783060	9.882782
37	6069598	7637284	12582849	9.783160	9.882939
38	6070985	7640047	12584527	9.783259	9.883096
39	6072372	7642812	12586206	9.783358	9.883253
40	6073758	7645577	12587885	9.783457	9.883410
41	6075145	7648343	12589565	9.783556	9.883567
42	6076531	7651110	12591246	9.783656	9.883724
43	6077917	7653877	12592928	9.783755	9.883881
44	6079303	7656645	12594611	9.783854	9.884038
45	6080688	7659414	12596294	9.783953	9.884195
46	6082074	7662184	12597978	9.784052	9.884352
47	6083459	7664954	12599663	9.784150	9.884509
48	6084844	7667725	12601349	9.784249	9.884666
49	6086229	7670497	12603036	9.784348	9.884823
50	6087614	7673270	12604724	9.784447	9.884980

M	Sinus.	Tangen.	Secant.	Lo. Sin.	Lo. Tan.
100	7986355	13270448	16616401	9.902348	10.122[illegible]95
99	7985304	13265630	16612554	9.902291	10.122726
98	7984254	13260815	16608709	9.902234	10.122570
97	7983203	13256001	16604866	9.902177	10.122412
96	7982151	13251190	16601025	9.902120	10.122255
95	7981100	13246381	16597187	9.902063	10.122097
94	7980048	13241575	16593351	9.902005	10.121939
93	7978996	13236770	16589517	9.901948	10.121782
92	7977944	13231968	16585686	9.901891	10.121624
91	7976892	13227168	16581857	9.901834	10.121467
90	7975839	13222370	16578030	9.901776	10.121309
89	7974786	13217574	16574205	9.901719	10.121152
88	7973733	13212781	16570383	9.901662	10.120994
87	7972680	13207990	16566562	9.901604	10.120837
86	7971626	13203201	16562745	9.901547	10.120679
85	7970572	13198414	16558929	9.901489	10.120522
84	7969518	13193629	16555116	9.901432	10.120364
83	7968464	13188847	16551305	9.901374	10.120207
82	7967409	13184067	16547496	9.901317	10.120049
81	7966354	13179289	16543689	9.901259	10.119892
80	7965299	13174513	16539885	9.901201	10.119734
79	7964244	13169740	16536083	9.901144	10.119577
78	7963188	13164968	16532285	9.901087	10.119420
77	7962132	13160199	16528486	9.901029	10.119262
76	7961076	13155432	16524690	9.900972	10.119105
75	7960020	13150667	16520897	9.900914	10.118948
74	7958963	13145905	16517107	9.900856	10.118790
73	7957906	13141144	16513318	9.900799	10.118633
72	7956849	13136386	16509532	9.900741	10.118476
71	7955792	13131630	16505748	9.900683	10.118318
70	7954735	13126876	16501966	9.900626	10.118161
69	7953677	13122124	16498187	9.900568	10.118004
68	7952619	13117375	16494409	9.900510	10.117847
67	7951561	13112628	16490634	9.900452	10.117690
66	7950502	13107882	16486861	9.900394	10.117532
65	7949443	13103139	16483090	9.900337	10.117375
64	7948384	13098399	16479322	9.900279	10.117218
63	7947325	13093660	16475555	9.900221	10.117061
62	7946266	13088923	16471791	9.900163	10.116904
61	7945206	13084189	16468030	9.900105	10.116747
60	7944146	13079457	16464270	9.900047	10.116590
59	7943086	13074727	16460513	9.899989	10.116432
58	7942025	13069999	16456758	9.899931	10.116275
57	7940965	13065273	16453005	9.899873	10.116118
56	7939904	13060550	16449254	9.899815	10.115961
55	7938843	13055828	16445506	9.899757	10.115804
54	7937781	13051109	16441759	9.899699	10.115647
53	7936720	13046392	16438015	9.899641	10.115490
52	7935658	13041677	16434273	9.899583	10.115333
51	7934596	13036964	16430534	9.899525	10.115176
50	7933533	13032254	16426796	9.899466	10.115019

M	Sinus.	Tang.	Secant.	Lo. Sin.	Lo. Tan.
50	6087614	7673270	12604724	9.784447	9.884910
51	6088393	7676043	12606412	9.784546	9.885137
52	6090333	7678817	12608102	9.784644	9.885294
53	6091767	7681592	12609792	9.784743	9.885451
54	6093151	7684367	12611483	9.784842	9.885608
55	6094535	7687144	12613175	9.784940	9.885765
56	6095919	7689921	12614867	9.785039	9.885922
57	6097302	7692699	12616561	9.785138	9.886079
58	6098685	7695477	12618255	9.785236	9.886235
59	6100069	7698256	12619951	9.785335	9.886392
60	6101451	7701037	12621647	9.785433	9.886549
61	6102834	7703817	12623343	9.785531	9.886706
62	6104217	7706599	12625041	9.785630	9.886863
63	6105599	7709381	12626740	9.785728	9.887019
64	6106981	7712164	12628439	9.785826	9.887176
65	6108363	7714948	12630139	9.785925	9.887333
66	6109745	7717732	12631840	9.786023	9.887490
67	6111127	7720518	12633542	9.786121	9.887646
68	6112508	7723304	12635245	9.786219	9.887803
69	6113889	7726091	12636949	9.786317	9.887960
70	6115270	7728878	12638653	9.786415	9.888116
71	6116651	7731666	12640359	9.786514	9.888273
72	6118032	7734455	12642065	9.786612	9.888430
73	6119412	7737245	12643772	9.786710	9.888586
74	6120792	7740036	12645480	9.786807	9.888743
75	6122173	7742827	12647188	9.786905	9.888899
76	6123553	7745619	12648898	9.787003	9.889056
77	6124932	7748412	12650608	9.787101	9.889213
78	6126312	7751206	12652319	9.787199	9.889369
79	6127691	7754000	12654031	9.787297	9.889526
80	6129070	7756795	12655744	9.787394	9.889682
81	6130449	7759591	12657458	9.787492	9.889839
82	6131828	7762387	12659173	9.787590	9.889995
83	6133207	7765185	12660888	9.787687	9.890152
84	6134585	7767983	12662605	9.787785	9.890308
85	6135963	7770782	12664322	9.787883	9.890465
86	6137341	7773581	12666040	9.787980	9.890621
87	6138719	7776382	12667759	9.788078	9.890777
88	6140097	7779183	12669478	9.788175	9.890934
89	6141474	7781985	12671199	9.788272	9.891090
90	6142852	7784787	12672920	9.788370	9.891247
91	6144229	7787591	12674643	9.788467	9.891403
92	6145606	7790395	12676366	9.788565	9.891559
93	6146983	7793200	12678090	9.788662	9.891716
94	6148359	7796006	12679815	9.788759	9.891872
95	6149736	7798812	12681541	9.788856	9.892028
96	6151112	7801619	12683267	9.788953	9.892185
97	6152488	7804427	12684995	9.789051	9.892341
98	6153864	7807236	12686723	9.789148	9.892497
99	6155239	7810045	12688452	9.789245	9.892653
	6156615	7812856	12690182	9.789342	9.892810

M	Sinus.	Tangen.	Secant.	Lo. Sin.	Lo. Tan.
60	7933533	13032254	16426796	9.899466	10.115019
49	7932471	13027545	16423061	9.899428	10.114862
48	7931408	13022839	16419328	9.899390	10.114705
47	7930345	13018134	16415597	9.899352	10.114549
46	7929281	13013432	16411868	9.899314	10.114392
45	7928217	13008732	16408142	9.899175	10.114235
44	7927154	13004034	16404417	9.899117	10.114078
43	7926090	12999339	16400695	9.899059	10.113921
42	7925026	12994645	16396975	9.899000	10.113764
41	7923961	12989954	16393258	9.898942	10.113607
40	7922896	12985264	16389542	9.898884	10.113451
39	7921831	12980577	16385829	9.898825	10.113294
38	7920766	12975892	16382118	9.898767	10.113137
37	7919700	12971209	16378409	9.898709	10.112980
36	7918635	12966528	16374702	9.898650	10.112824
35	7917569	12961850	16370997	9.898592	10.112667
34	7916502	12957173	16367295	9.898533	10.112510
33	7915436	12952499	16363594	9.898475	10.112353
32	7914369	12947826	16359896	9.898416	10.112197
31	7913302	12943156	16356200	9.898358	10.112040
30	7912235	12938488	16352506	9.898299	10.111883
29	7911168	12933822	16348815	9.898240	10.111727
28	7910100	12929158	16345125	9.898182	10.111570
27	7909032	12924496	16341438	9.898123	10.111413
26	7907964	12919836	16337753	9.898064	10.111257
25	7906896	12915178	16334070	9.898006	10.111100
24	7905827	12910523	16330389	9.897947	10.110944
23	7904758	12905870	16326710	9.897888	10.110787
22	7903689	12901218	16323034	9.897830	10.110631
21	7902625	12896569	16319360	9.897771	10.110474
20	7901550	12891922	16315687	9.897712	10.110317
19	7900480	12887277	16312017	9.897653	10.110161
18	7899410	12882634	16308349	9.897594	10.110004
17	7898340	12877993	16304684	9.897536	10.109848
16	7897269	12873354	16301020	9.897477	10.109692
15	7896198	12868718	16297359	9.897418	10.109535
14	7895127	12864083	16293699	9.897359	10.109379
13	7894056	12859451	16290042	9.897300	10.109222
12	7892984	12854820	16286387	9.897241	10.109066
11	7891913	12850192	16282734	9.897182	10.108909
10	7890841	12845565	16279083	9.897123	10.108753
9	7889768	12840941	16275435	9.897064	10.108597
8	7888696	12836319	16271788	9.897005	10.108440
7	7887623	12831699	16268144	9.896946	10.108284
6	7886550	12827081	16264501	9.896887	10.108128
5	7885477	12822465	16260861	9.896828	10.107971
4	7884403	12817851	16257223	9.896769	10.107815
3	7883330	12813239	16253587	9.896710	10.107659
2	7882256	12808629	16249953	9.896650	10.107502
1	7881182	12804022	16246322	9.896591	10.107346
0	7880107	12799416	16242692	9.896532	10.107190

M	Sinus.	Tang.	Secant.	Lo. Sin.	Lo Tan
0	6156615	7812856	12690182	9.789342	9.892810
1	6157930	7815667	12691913	9.789439	9.892966
2	6159365	7818479	12693645	9.789536	9.893122
3	6160740	7821291	12695377	9.789633	9.893278
4	6162114	7824105	12697111	9.789730	9.893434
5	6163489	7726919	12698845	9.789826	9.893591
6	6164863	7829734	12700580	9.789923	9.893747
7	6166237	7832550	12702316	9.790020	9.893903
8	6167611	7835366	12704053	9.790117	9.894059
9	6168985	7838183	12705791	9.790214	9.894215
10	6170359	7841001	12707529	9.790310	9.894371
11	6171732	7843820	12709269	9.790407	9.894527
12	6173105	7846640	12711009	9.790503	9.894684
13	6174478	7849460	12712750	9.790600	9.894840
14	6175851	7852281	12714492	9.790697	9.894996
15	6177223	7855103	12716235	9.790793	9.895152
16	6178596	7857926	12717979	9.790890	9.895308
17	6179968	7860749	12719724	9.790986	9.895464
18	6181340	7863573	12721469	9.791082	9.895620
19	6182712	7866398	12723216	9.791179	9.895776
20	6184084	7869224	12724963	9.791275	9.895932
21	6185455	7872050	12726711	9.791371	9.896088
22	6186827	7874878	12728460	9.791468	9.896244
23	6188198	7877706	12730210	9.791564	9.896400
24	6189569	7880535	12731961	9.791660	9.896555
25	6190939	7883364	12733712	9.791756	9.896711
26	6192310	7886195	12735465	9.791852	9.896867
27	6193680	7889026	12737218	9.791949	9.897023
28	6195050	7891858	12738972	9.792045	9.897179
29	6196420	7894690	12740727	9.792141	9.897335
30	6197790	7897524	12742483	9.792237	9.897491
31	6199160	7900358	12744240	9.792333	9.897647
32	6200529	7903193	12745998	9.792429	9.897802
33	6201898	7906029	12747756	9.792524	9.897958
34	6203267	7908866	12749516	9.792620	9.898114
35	6204636	7911703	12751276	9.792716	9.898270
36	6206005	7914541	12753037	9.792812	9.898426
37	6207373	7917380	12754800	9.792908	9.898581
38	6208742	7920220	12756562	9.793003	9.898737
39	6210110	7923061	12758326	9.793099	9.898893
40	6211478	7925902	12760091	9.793195	9.899049
41	6212845	7928744	12761857	9.793290	9.899204
42	6214213	7931587	12763623	9.793386	9.899360
43	6215580	7934431	12765390	9.793481	9.899516
44	6216947	7937275	12767159	9.793577	9.899671
45	6218314	7940121	12768927	9.793672	9.899827
46	6219682	7942967	12770698	9.793768	9.899983
47	6221048	7945814	12772469	9.793863	9.900138
48	6222414	7948661	12774240	9.793959	9.900294
49	6223780	7951510	12776013	9.794054	9.900449
50	6225146	7954459	12777786	9.794149	9.900605

M.	Sinus.	Tangen.	Secant.	Lo. Sin.	Log. Tan.
100	7880107	12799416	16242692	9.896532	10.107190
99	7879033	12794813	16239065	9.896473	10.107034
98	7877958	12790211	16235440	9.896413	10.106878
97	7876883	12785612	16231816	9.896354	10.106721
96	7875807	12781014	16228195	9.896295	10.106565
95	7874732	12776419	16224576	9.896236	10.106409
94	7873656	12771825	16220959	9.896176	10.106253
93	7872580	12767234	16217345	9.896117	10.106096
92	7871503	12762645	16213742	9.896057	10.105940
91	7870427	12758058	16210121	9.895998	10.105784
90	7869350	12753473	16206513	9.895939	10.105628
89	7868273	12748889	16202907	9.895879	10.105472
88	7867196	12744308	16199302	9.895820	10.105316
87	7866118	12739729	16195700	9.895760	10.105160
86	7865040	12735152	16192100	9.895701	10.105004
85	7863962	12730577	16188502	9.895641	10.104848
84	7862884	12726004	16184906	9.895582	10.104692
83	7861806	12721434	16181312	9.895522	10.104536
82	7860727	12716865	16177721	9.895463	10.104380
81	7859648	12712298	16174131	9.895403	10.104224
80	7858569	12707733	16170544	9.895343	10.104068
79	7857489	12703170	16166958	9.895284	10.103912
78	7856410	12698610	16163375	9.895224	10.103756
77	7855330	12694051	16159793	9.895164	10.103600
76	7854250	12689494	16156214	9.895105	10.103444
75	7853169	12684939	16152637	9.895045	10.103288
74	7852088	12680387	16149062	9.894985	10.103132
73	7851008	12675836	16145489	9.894925	10.102976
72	7849926	12671287	16141918	9.894865	10.102821
71	7848845	12666741	16138349	9.894806	10.102665
70	7847764	12662196	16134783	9.894746	10.102509
69	7846682	12657653	16131218	9.894686	10.102353
68	7845600	12653113	16127655	9.894626	10.102197
67	7844517	12648574	16124095	9.894566	10.102041
66	7843435	12644038	16120536	9.894506	10.101886
65	7842352	12639503	16116980	9.894446	10.101730
64	7841269	12634970	16113425	9.894386	10.101574
63	7840186	12630440	16109873	9.894326	10.101418
62	7839102	12625911	16106323	9.894266	10.101263
61	7838018	12621384	16102774	9.894206	10.101107
60	7836934	12616860	16099228	9.894146	10.100951
59	7835850	12612337	16095684	9.894086	10.100795
58	7834766	12607816	16092142	9.894026	10.100640
57	7833681	12603298	16088602	9.893966	10.100484
56	7832596	12598781	16085064	9.893906	10.100328
55	7831511	12594266	16081528	9.893845	10.100173
54	7830425	12589754	16077994	9.893785	10.100017
53	7829340	12585243	16074462	9.893725	10.099861
52	7828254	12580734	16070933	9.893665	10.099706
51	7827168	12576228	16067405	9.893604	10.099550
50	7826081	12571723	16063879	9.893544	10.099395

M	Sinus.	Tang.	Secant.	Lo. Sin.	Lo. Tan.
50	6225146	7954359	12777786	9.794149	9.900605
51	6225512	7957209	12779561	9.794245	9.900701
52	6227378	7960060	12781336	9.794340	9.900916
53	6229243	7962911	12783112	9.794435	9.901072
54	6231108	7965764	12784889	9.794530	9.901227
55	6231973	7968617	12786667	9.794625	9.901383
56	6233838	7971471	12788440	9.794721	9.901538
57	6234703	7974326	12790220	9.794816	9.901694
58	6236067	7977181	12792006	9.794911	9.901849
59	6237432	7980037	12793788	9.795006	9.902005
60	6238796	7982895	12795570	9.795101	9.902160
61	6240160	7985753	12797353	9.795196	9.902316
62	6241523	7988611	12799137	9.795290	9.902471
63	6242887	7991471	12800922	9.795385	9.902627
64	6244250	7994332	12802708	9.795480	9.902782
65	6245613	7997193	12804495	9.795575	9.902937
66	6246976	8000055	12806283	9.795670	9.903093
67	6248339	8002917	12808071	9.795764	9.903248
68	6249702	8005781	12809861	9.795859	9.903404
69	6251064	8008645	12811651	9.795954	9.903559
70	6252426	8011511	12813442	9.796048	9.903714
71	6253788	8014376	12815234	9.796143	9.903870
72	6255150	8017243	12817027	9.796238	9.904025
73	6256512	8020111	12818821	9.796332	9.904180
74	6257873	8022979	12820616	9.796426	9.904335
75	6259235	8025848	12822412	9.796521	9.904491
76	6260596	8028718	12824208	9.796615	9.904640
77	6261956	8031589	12826006	9.796710	9.904801
78	6263317	8034461	12827804	9.796804	9.904956
79	6264678	8037333	12829603	9.796899	9.905112
80	6266038	8040206	12831403	9.796993	9.905267
81	6267398	8043080	12833204	9.797087	9.905422
82	6268758	8045955	12835006	9.797181	9.905577
83	6270118	8048831	12836809	9.797276	9.905733
84	6271477	8051707	12838613	9.797370	9.905888
85	6272837	8054584	12840418	9.797464	9.906043
86	6274196	8057462	12842223	9.797558	9.906198
87	6275555	8060341	12844030	9.797652	9.906353
88	6276913	8063221	12845837	9.797746	9.906509
89	6278272	8066101	12847645	9.797840	9.906663
90	6279630	8068983	12849454	9.797934	9.906819
91	6280989	8071865	12851264	9.798028	9.906974
92	6282346	8074747	12853075	9.798122	9.907129
93	6283704	8077631	12854887	9.798216	9.907284
94	6285062	8080516	12856700	9.798309	9.907439
95	6286419	8083401	12858514	9.798403	9.907594
96	6287777	8086287	12860328	9.798497	9.907749
97	6289134	8089174	12862144	9.798591	9.907904
98	6290491	8092062	12863960	9.798684	9.908059
99	6291847	8094951	12865777	9.798778	9.908214
	6293204	8097840	12867595	9.798872	9.908369

M	Sinus	Tangens	Secant.	Lo. Sin.	Lo. Tan.
50	7826081	12571723	16063879	9.893544	10.099395
49	7824995	12567220	16060355	9.893484	10.099239
48	7823908	12562719	16056834	9.893424	10.099083
47	7822821	12558220	16053314	9.893363	10.098928
46	7821733	12553723	16049797	9.893303	10.098772
45	7820646	12549229	16046281	9.893242	10.098617
44	7819558	12544736	16042767	9.893182	10.098461
43	7818470	12540245	16039256	9.893122	10.098306
42	7817382	12535756	16035747	9.893061	10.098150
41	7816293	12531269	16032239	9.893001	10.097995
40	7815205	12526783	16028734	9.892940	10.097839
39	7814116	12522300	16025230	9.892880	10.097684
38	7813026	12517819	16021729	9.892820	10.097528
37	7811937	12513340	16018229	9.892759	10.097373
36	7810847	12508863	16014732	9.892698	10.097218
35	7809757	12504387	16011237	9.892637	10.097062
34	7808667	12499914	16007743	9.892577	10.096907
33	7807576	12495443	16004252	9.892516	10.096751
32	7806486	12490973	16000763	9.892455	10.096596
31	7805395	12486506	15997276	9.892395	10.096441
30	7804304	12482040	15993790	9.892334	10.096285
29	7803213	12477576	15990307	9.892273	10.096130
28	7802121	12473115	15986826	9.892212	10.095975
27	7801029	12468655	15983346	9.892152	10.095819
26	7799937	12464197	15979869	9.892091	10.095664
25	7798845	12459742	15976394	9.892030	10.095509
24	7797752	12455288	15972921	9.891969	10.095354
23	7796659	12450836	15969449	9.891908	10.095198
22	7795566	12446386	15965980	9.891847	10.095043
21	7794473	12441937	15962513	9.891787	10.094888
20	7793379	12437491	15959047	9.891726	10.094733
19	7792286	12433047	15955584	9.891665	10.094577
18	7791192	12428605	15952123	9.891604	10.094422
17	7790097	12424164	15948663	9.891543	10.094267
16	7789003	12419726	15945206	9.891482	10.094112
15	7787908	12415290	15941751	9.891421	10.093957
14	7786813	12410855	15938297	9.891360	10.093802
13	7785718	12406422	15934846	9.891298	10.093646
12	7784623	12401991	159 1396	9.891237	10.093491
11	7783527	12397563	15 27949	9.891176	10.093336
10	7782431	12393136	15924503	9.891115	10.093181
9	7781335	12388711	15921060	9.891054	10.093026
8	7780239	12384288	15917618	9.890993	10.092871
7	7779142	12379866	15914179	9.890932	10.092716
6	7778045	12375447	15910741	9.890870	10.092561
5	7776948	12371030	15907306	9.890810	10.092406
4	7775851	12366614	15903872	9.890748	10.092251
3	7774753	12362201	15900440	9.890687	10.092096
2	7773656	12357789	15897011	9.890626	10.091941
1	7772558	12353379	15893583	9.890565	10.091786
0	771459	12348971	15890157	9.890504	10.091631

M	Sinus.	Tang.	Secant.	Lo. Sin.	Lo. Tan.
0	6293204	8037840	12867595	9.798872	9.908369
1	6294560	8100730	12869415	9.798965	9.908524
2	6295916	8103621	12871235	9.799059	9.908679
3	6297272	8106513	12873055	9.799152	9.908834
4	6298628	8109406	12874877	9.799246	9.908989
5	6299983	8112300	12876700	9.799339	9.909144
6	6301339	8115194	12878524	9.799433	9.909299
7	6302694	8118089	12880348	9.799526	9.909454
8	6304049	8120985	12882174	9.799619	9.909609
9	6305403	8123882	12884000	9.799713	9.909763
10	6306758	8126779	12885827	9.799806	9.909918
11	6308112	8129678	12887655	9.799899	9.910073
12	6309466	8132577	12889484	9.799992	9.910228
13	6310820	8135477	12891314	9.800086	9.910383
14	6312174	8138378	12893145	9.800179	9.910538
15	6313528	8141280	12894977	9.800272	9.910692
16	6314881	8144182	12898810	9.800365	9.910847
17	6316234	8147086	12898643	9.800458	9.911002
18	6317587	8149991	12900478	9.800551	9.911157
19	6318940	8152895	12902314	9.800644	9.911312
20	6320293	8155801	12904150	9.800737	9.911466
21	6321645	8158707	12905987	9.800830	9.911621
22	6322998	8161615	12907825	9.800923	9.911776
23	6324350	8164523	12909665	9.801016	9.911931
24	6325701	8167432	12911505	9.801109	9.912085
25	6327053	8170342	12913346	9.801201	9.912240
26	6328405	8173253	12915187	9.801294	9.912395
27	6329756	8176167	12917030	9.801387	9.912549
28	6331107	8179075	12918874	9.801479	9.912704
29	6332458	8181991	12920719	9.801572	9.912859
30	6333809	8184905	12922564	9.801665	9.913013
31	6335159	8187820	12924411	9.801757	9.913168
32	6336509	8190736	12926258	9.801850	9.913323
33	6337859	8193652	12928107	9.801942	9.913477
34	6339209	8196570	12929956	9.802035	9.913632
35	6340559	8199488	12931806	9.802127	9.913786
36	6341909	8202407	12933657	9.802220	9.913941
37	6343258	8205327	12935509	9.802312	9.914096
38	6344607	8208248	12937362	9.802405	9.914250
39	6345956	8211170	12939216	9.802497	9.914405
40	6347305	8214092	12941071	9.802589	9.914559
41	6348654	8217016	12942926	9.802681	9.914714
42	6350002	8219940	12944783	9.802774	9.914868
43	6351350	8222865	12946641	9.802866	9.915023
44	6352698	8225791	12958499	9.802958	9.915177
45	6354046	8228718	12950359	9.803050	9.915332
46	6355393	8231645	12952219	9.803142	9.915486
47	6356741	8234573	12954080	9.803234	9.915641
48	6358088	8237503	12955943	9.803326	9.915795
49	6359435	8240433	12957806	9.803418	9.915950
50	6360782	8243364	12959670	9.803510	9.916104

M	Sinus.	Tangen.	Secant.	Lo. Sin.	Lo. Tan.
100	7771459	12348971	15890157	9.890502	10.091031
99	7770361	12344565	15886733	9.890441	10.091470
98	7769262	12340161	15883311	9.890380	10.091321
97	7768163	12335759	15879891	9.890318	10.091166
96	7767064	12331359	15876474	9.890257	10.091011
95	7765965	12326961	15873057	9.890195	10.090856
94	7764865	12322564	15869643	9.890134	10.090701
93	7763765	12318169	15866231	9.890072	10.090546
92	7762665	12313777	15862821	9.890011	10.090391
91	7761564	12309386	15859413	9.889949	10.090236
90	7760464	12304997	15856007	9.889887	10.090081
89	7759362	12300610	15852602	9.889826	10.089926
88	7758262	12296225	15849200	9.889764	10.089772
87	7757161	12291842	15845800	9.889703	10.089617
86	7756059	12287460	15842401	9.889641	10.089462
85	7754957	12283081	15839005	9.889579	10.089307
84	7753855	12278703	15835610	9.889517	10.089152
83	7752753	12274327	15832217	9.889456	10.088998
82	7751650	12269953	15828827	9.889394	10.088843
81	7750548	12265581	15825438	9.889332	10.088688
80	7749445	12261211	15822051	9.889270	10.088533
79	7748341	12256843	15818666	9.889209	10.088378
78	7747238	12252477	15815283	9.889147	10.088224
77	7746134	12248112	15811902	9.889085	10.088069
76	7745030	12243749	15808523	9.889023	10.087914
75	7743926	12239383	15805146	9.888961	10.087760
74	7742822	12235030	15801770	9.888899	10.087605
73	7741717	12230672	15798397	9.888837	10.087450
72	7740612	12226317	15795026	9.888775	10.087295
71	7739507	12221964	15791656	9.888713	10.087141
70	7738402	12217612	15788288	9.888651	10.086986
69	7737296	12213263	15784923	9.888589	10.086832
68	7736191	12208915	15781559	9.888527	10.086677
67	7735084	12204569	15778197	9.888465	10.086522
66	7733978	12200225	15774837	9.888403	10.086368
65	7732872	12195883	15771479	9.888341	10.086213
64	7731765	12191542	15768123	9.888278	10.086058
63	7730659	12187204	15764769	9.888216	10.085904
62	7729551	12182867	15761416	9.888154	10.085749
61	7728443	12178532	15758066	9.888092	10.085595
60	7727336	12174199	15754717	9.888030	10.085440
59	7726228	12169868	15751371	9.887967	10.085286
58	7725119	12165539	15748026	9.887905	10.085131
57	7724011	12161211	15744683	9.887843	10.084977
56	7722902	12156885	15741342	9.887780	10.084822
55	7721794	12152562	15738003	9.887718	10.084668
54	7720684	12148240	15734666	9.887656	10.084513
53	7719579	12143919	15731331	9.887593	10.084359
52	7718465	12139601	15727998	9.887531	10.084204
51	7717356	12135285	15724666	9.887468	10.084050
50	7716246	12130970	15721337	9.887406	10.083895

M	Sinus.	Tang.	Secant.	Lo. Sin.	Lo. Tan.
50	6360782	8243364	12959670	9.803510	9.916104
51	6362129	8246295	12961535	9.803602	9.916259
52	6363475	8249225	12963401	9.803694	9.916413
53	6364821	8252161	12965268	9.803786	9.916568
54	6366167	8255096	12967136	9.803878	9.916722
55	6367513	8258031	12969004	9.803970	9.916876
56	6368859	8260967	12970874	9.804061	9.917031
57	6370204	8263904	12972745	9.804153	9.917185
58	6371550	8266841	12974616	9.804245	9.917339
59	6372895	8269780	12976489	9.804337	9.917494
60	6374240	8272719	12978362	9.804428	9.917648
61	6375584	8275659	12980236	9.804520	9.917802
62	6376929	8278601	12982112	9.804611	9.917957
63	6378273	8281542	12983988	9.804703	9.918111
64	6379617	8284485	12985865	9.804794	9.918265
65	6380961	8287429	12987743	9.804886	9.918420
66	6382305	8290373	12989622	9.804977	9.918574
67	6383649	8293319	12991502	9.805069	9.918728
68	6384992	8296265	12993383	9.805160	9.918882
69	6386335	8299212	12995265	9.805252	9.919037
70	6387678	8302160	12997148	9.805343	9.919191
71	6389021	8305108	12999032	9.805444	9.919345
72	6390363	8308058	13000916	9.805525	9.919499
73	6391706	8311009	13002802	9.805617	9.919654
74	6393048	8313960	13004689	9.805708	9.919808
75	6394390	8316912	13006576	9.805799	9.919962
76	6395732	8319865	13008465	9.805890	9.920116
77	6397073	8322819	13010354	9.805981	9.920270
78	6398415	8325774	13012244	9.806072	9.920424
79	6399756	8328729	13014136	9.806163	9.920579
80	6401097	8331686	13016028	9.806254	9.920733
81	6402438	8334643	13017921	9.806345	9.920887
82	6403778	8337601	13019815	9.806436	9.921041
83	6405119	8340560	13021710	9.806527	9.921195
84	6406459	8343520	13023606	9.806618	9.921349
85	6407799	8346481	13025503	9.806709	9.921503
86	6409139	8349442	13027401	9.806799	9.921657
87	6410478	8352405	13029300	9.806890	9.921811
88	6411818	8355368	13031200	9.806981	9.921965
89	6413157	8358333	13033101	9.807072	9.922119
90	6414496	8361298	13035003	9.807162	9.922273
91	6415835	8364264	13036905	9.807253	9.922428
92	6417174	8367230	13038809	9.807344	9.922582
93	6418512	8370198	13040714	9.807434	9.922736
94	6419850	8373167	13042619	9.807525	9.922890
95	6421188	8376136	13044526	9.807615	9.923044
96	6422526	8379106	13046433	9.807706	9.923198
97	6423864	8382077	13048342	9.807796	9.923351
98	6425202	8385049	13050251	9.807887	9.923505
99	6426539	8388022	13052161	9.807977	9.923659
	6427876	8390996	13054073	9.808067	9.923813

M	Sinus.	Tangen.	Secant.	Lo. Sin.	Lo. Tan.
50	7716246	12130970	15721337	9.887406	10.083835
49	7715135	12126657	15718009	9.887343	10.083741
48	7714025	12122346	15714683	9.887281	10.083586
47	7712914	12118037	15711359	9.887218	10.083432
46	7711803	12113729	15708037	9.887156	10.083278
45	7710692	12109424	15704717	9.887093	10.083123
44	7709583	12105120	15701399	9.887031	10.082969
43	7708469	12100818	15698083	9.886968	10.082815
42	7707357	12096518	15694768	9.886905	10.082660
41	7706245	12092220	15691456	9.886843	10.082506
40	7705132	12087923	15688145	9.886780	10.082352
39	7704020	12083629	15684836	9.886717	10.082197
38	7702907	12079336	15681529	9.886654	10.082043
37	7701794	12075045	15678224	9.886592	10.081889
36	7700680	12070756	15674921	9.886529	10.081734
35	7699567	12066468	15671619	9.886466	10.081580
34	7698453	12062182	15668320	9.886403	10.081426
33	7697339	12057899	15665022	9.886340	10.081271
32	7696225	12053617	15661726	9.886278	10.081117
31	7695110	12049336	15658432	9.886215	10.080963
30	7693995	12045058	15655140	9.886152	10.080809
29	7692880	12040781	15651850	9.886089	10.080654
28	7691765	12036507	15648562	9.886026	10.080500
27	7690650	12032234	15645275	9.885963	10.080346
26	7689534	12027962	15641991	9.885900	10.080192
25	7688418	12023693	15638708	9.885837	10.080038
24	7687302	12019424	15635427	9.885774	10.079884
23	7686186	12015159	15632148	9.885711	10.079729
22	7685069	12010895	15628871	9.885648	10.079575
21	7683952	12006633	15625596	9.885584	10.079421
20	7682835	12002373	15622322	9.885521	10.079267
19	7681718	11998114	15619050	9.885458	10.079113
18	7680600	11993857	15615781	9.885395	10.078959
17	7679482	11989602	15612513	9.885332	10.078805
16	7678364	11985348	15609246	9.885269	10.078650
15	7677246	11981097	15605982	9.885205	10.078496
14	7676128	11976847	15602720	9.885142	10.078342
13	7675009	11972599	15599459	9.885079	10.078188
12	7673890	11968353	15596200	9.885015	10.078034
11	7672771	11964108	15592943	9.884952	10.077880
10	7671651	11959866	15589688	9.884889	10.077726
9	7670532	11955625	15586435	9.884825	10.077572
8	7669412	11951386	15583184	9.884762	10.077418
7	7668292	11947148	15579934	9.884698	10.077264
6	7667171	11942912	15576686	9.884635	10.077110
5	7666051	11938679	15573440	9.884571	10.076956
4	7664930	11934446	15570196	9.884509	10.076802
3	7663809	11930216	15566954	9.884444	10.076648
2	7662688	11925988	15563714	9.884381	10.076494
1	7661566	11921761	15560475	9.884317	10.076340
0	7660444	11917535	15557238	9.884254	10.076186

M	Sinus.	Tang.	Secant.	Lo. Sin.	Lo Tan
0	6427876	8390996	13054073	9.808267	9.923813
1	6429213	8393971	13055935	9.808158	9.923967
2	6430550	8396946	13057798	9.808243	9.924121
3	6431886	8399923	13059662	9.808338	9.924275
4	6433222	8402900	13061727	9.808428	9.924429
5	6434558	8405878	13063644	9.808519	9.924583
6	6435894	8408857	13065561	9.808609	9.924737
7	6437230	8411837	13067479	9.808699	9.924891
8	6438566	8414818	13069398	9.808789	9.925045
9	6439901	8417799	13071318	9.808879	9.925198
10	6441236	8420782	13073238	9.808969	9.925352
11	6442571	8423765	13075160	9.809059	9.925506
12	6443906	8426749	13077083	9.809149	9.925660
13	6445240	8429734	13079007	9.809239	9.925814
14	6446575	8432720	13080932	9.809329	9.925968
15	6447909	8435707	13082857	9.809419	9.926121
16	6449242	8438695	13084784	9.809509	9.926275
17	6450577	8441684	13086712	9.809598	9.926429
18	6451910	8444673	13088640	9.809688	9.926583
19	6453244	8447663	13090570	9.809778	9.926736
20	6454577	8450655	13092500	9.809868	9.926890
21	6455911	8453647	13094432	9.809957	9.927044
22	6457242	8456640	13096364	9.810047	9.927198
23	6458575	8459634	13098298	9.810137	9.927351
24	6459907	8462629	13100232	9.810226	9.927505
25	6461240	8465625	13102168	9.810316	9.927659
26	6462572	8468621	13104104	9.810405	9.927813
27	6463903	8471619	13106041	9.810495	9.927966
28	6465235	8474617	13107980	9.810584	9.928120
29	6466566	8477616	13109919	9.810674	9.928274
30	6467896	8480617	13111859	9.810763	9.928427
31	6469227	8483618	13113801	9.810852	9.928581
32	6470560	8486619	13115743	9.810942	9.928735
33	6471890	8489622	13117686	9.811031	9.928888
34	6473220	8492626	13119630	9.811120	9.929042
35	6474551	8495631	13121575	9.811209	9.929195
36	6475881	8498636	13123521	9.811299	9.929349
37	6477211	8501642	13 25468	9.811388	9.929503
38	6478540	8504650	13127417	9.811477	9.929656
39	6479870	8507658	13129366	9.811566	9.929810
40	6481199	8510667	13131316	9.811655	9.929963
41	6482528	8513677	13133267	9.811744	9.930117
42	6483857	8516688	13135219	9.811833	9.930271
43	6485185	8519699	13137172	9.811922	9.930424
44	6486514	8522712	13139125	9.812011	9.930578
45	6487842	8525726	13141080	9.812100	9.930731
46	6489170	8528740	13143036	9.812189	9.930885
47	6490498	8531755	13144993	9.812278	9.931038
48	6491826	8534772	13146951	9.812367	9.931192
49	6493153	8537789	13148910	9.812455	9.931345
50	6494480	8540807	13150870	9.812544	9.931499

M.	Sinus.	Tangen.	Secant.	Lo. Sin.	Log. Tan.
100	7660444	11917536	15557238	9.884254	10.076186
99	7659322	11913312	15554003	9.884190	10.076032
98	7658200	11909091	15550770	9.884127	10.075878
97	7657077	11904871	15547539	9.884063	10.075725
96	7655955	11900653	15544309	9.883999	10.075571
95	7654832	11896437	15541081	9.883935	10.075417
94	7653709	11892222	15537855	9.883872	10.075263
93	7652585	11888009	15534631	9.883808	10.075109
92	7651462	11883798	15531409	9.883744	10.074955
91	7650338	11879589	15528188	9.883680	10.074801
90	7649214	11875382	15524970	9.883617	10.074647
89	7648089	11871176	15521753	9.883553	10.074494
88	7646965	11866972	15518538	9.883489	10.074340
87	7645840	11862769	15515325	9.883425	10.074186
86	7644715	11858567	15512113	9.883361	10.074032
85	7643590	11854370	15508903	9.883297	10.073878
84	7642464	11850173	15505696	9.883233	10.073724
83	7641339	11845977	15502490	9.883169	10.073571
82	7640213	11841784	15499285	9.883105	10.073417
81	7639087	11837592	15496083	9.883041	10.073263
80	7637960	11833402	15492882	9.882977	10.073109
79	7636833	11829213	15489683	9.882913	10.072956
78	7635707	11825026	15486486	9.882849	10.072802
77	7634579	11820842	15483291	9.882785	10.072648
76	7633452	11816658	15480097	9.882721	10.072494
75	7632324	11812477	15476906	9.882657	10.072341
74	7631197	11808297	15473716	9.882592	10.072187
73	7630069	11804119	15470528	9.882528	10.072033
72	7628940	11799942	15467341	9.882464	10.071880
71	7627812	11795760	15464157	9.882400	10.071726
70	7626683	11791595	15460974	9.882336	10.071572
69	7625554	11787424	15457793	9.882271	10.071419
68	7624425	11783254	15454614	9.882207	10.071265
67	7623295	11779087	15451436	9.882143	10.071111
66	7622166	11774921	15448260	9.882078	10.070958
65	7621036	11770756	15445087	9.882014	10.070804
64	7619906	11766594	15441914	9.881949	10.070651
63	7618775	11762433	15438744	9.881885	10.070497
62	7617645	11758273	15435576	9.881821	10.070343
61	7616514	11754116	15432409	9.881756	10.070190
60	7615383	11749960	15429244	9.881692	10.070036
59	7614252	11745806	15426080	9.881627	10.069883
58	7613120	11741654	15422919	9.881562	10.069729
57	7611988	11737503	15419759	9.881498	10.069576
56	7610856	11733354	15416601	9.881433	10.069422
55	7609724	11729207	15413445	9.881369	10.069268
54	7608592	11725061	15410290	9.881304	10.069115
53	7607459	11720917	15407138	9.881239	10.068961
52	7606326	11716775	15403987	9.881175	10.068808
51	7605193	11712634	15400838	9.881110	10.068654
50	7604059	11708495	15397690	9.881045	10.068501

M	Sinus.	Tang.	Secant.	Lo. Sin.	Lo. Tan
50	6493450	8540807	13150670	9.812544	9.931499
51	6495807	8543626	13152831	9.812633	9.931652
52	6497134	8546645	13154792	9.812722	9.931806
53	6498461	8549866	13156755	9.812810	9.931959
54	6499787	8552883	13158719	9.812899	9.932113
55	6501114	8555910	13160684	9.812988	9.932266
56	6502440	8558934	13162650	9.813076	9.932419
57	6503766	8561958	13164616	9.813165	9.932573
58	6505091	8564983	13166584	9.813253	9.932726
59	6506417	8568009	13168553	9.813342	9.932880
60	6507742	8571036	13170523	9.813430	9.933033
61	6509067	8574064	13172493	9.813519	9.933187
62	6510392	8577093	13174465	9.813607	9.933340
63	6511717	8580123	13176438	9.813695	9.933493
64	6513041	8583154	13178411	9.813784	9.933647
65	6514365	8586185	13180386	9.813872	9.933800
66	6515689	8589218	13182362	9.813960	9.933953
67	6517013	8592251	13184338	9.814048	9.934107
68	6518337	8595285	13186316	9.814137	9.934260
69	6519661	8598321	13188294	9.814225	9.934413
70	6520984	8601357	13190274	9.814313	9.934567
71	6522307	8604394	13192255	9.814401	9.934720
72	6523630	8607432	13194237	9.814489	9.934873
73	6524953	8610471	13196219	9.814577	9.935027
74	6526275	8613510	13198203	9.814665	9.935180
75	6527597	8616551	13200188	9.814753	9.935333
76	6528919	8619593	13202173	9.814841	9.935487
77	6530241	8622635	13204160	9.814929	9.935640
78	6531563	8625679	13206147	9.815017	9.935793
79	6532885	8628723	13208136	9.815105	9.935946
80	6534206	8631768	13210126	9.815193	9.936100
81	6535527	8634814	13212116	9.815280	9.936253
82	6536848	8637862	13214108	9.815368	9.936406
83	6538169	8640910	13216101	9.815456	9.936559
84	6539489	8643959	13218094	9.815544	9.936712
85	6540809	8647008	13220089	9.815631	9.936866
86	6542129	8650059	13222085	9.815719	9.937019
87	6543449	8653111	13224081	9.815807	9.937172
88	6544769	8656164	13226079	9.815894	9.937325
89	6546089	8659218	13228078	9.815982	9.937478
90	6547406	8662272	13230077	9.816069	9.937632
91	6548727	8665327	13232078	9.816157	9.937785
92	6550046	8668383	13234080	9.816244	9.937938
93	6551365	8671440	13236082	9.816332	9.938091
94	6552683	8674499	13238086	9.816419	9.938244
95	6554002	8677558	13240091	9.816506	9.938397
96	6555320	8680618	13242097	9.816594	9.938550
97	6556638	8683679	13244103	9.816681	9.938704
98	6557955	8686741	13246111	9.816768	9.938857
99	6559273	8689803	13248120	9.816856	9.939010
60	6560590	8692867	13250130	9.816943	9.939163

M	Sinus	Tangens	Secant.	Lo. Sin.	Lo. Tan.
50	7604059	11706495	15397	9.881045	10.068501
49	7602926	11704358	15394545	9.880981	10.068347
48	7601792	11702223	15391401	9.880916	10.068194
47	7600658	11696089	15388258	9.880851	10.068040
46	7599524	11691957	15385118	9.880786	10.067887
45	7598389	11687827	15381979	9.880721	10.067734
44	7597254	11683698	15378843	9.880656	10.067580
43	7596119	11679571	15375707	9.880592	10.067427
42	7594984	11675446	15372574	9.880527	10.067273
41	7593849	11671322	15369442	9.880462	10.067120
40	7592713	11667201	15366312	9.880397	10.066966
39	7591577	11663080	15363184	9.880332	10.066813
38	7590441	11658961	15360058	9.880267	10.066660
37	7589304	11654844	15356933	9.880202	10.066506
36	7588168	11650729	15353810	9.880137	10.066353
35	7587031	11646615	15350689	9.880072	10.066200
34	7585894	11642503	15347569	9.880007	10.066046
33	7584757	11638393	15344452	9.879941	10.065893
32	7583619	11634285	15341335	9.879876	10.065739
31	7582481	11630178	15338221	9.879811	10.065586
30	7581343	11626072	15335109	9.879746	10.065433
29	7580205	11621969	15331998	9.879681	10.065280
28	7579066	11617867	15328889	9.879616	10.065126
27	7577928	11613767	15325781	9.879550	10.064973
26	7576789	11609668	15322676	9.879485	10.064820
25	7575650	11605571	15319572	9.879420	10.064666
24	7574510	11601476	15316470	9.879354	10.064513
23	7573371	11597382	15313369	9.879289	10.064360
22	7572231	11593290	15310270	9.879224	10.064207
21	7571091	11589200	15307173	9.879158	10.064053
20	7569950	11585111	15304078	9.879093	10.063900
19	7568810	11581024	15300984	9.879027	10.063747
18	7567669	11576939	15297892	9.878962	10.063594
17	7566526	11572855	15294802	9.878896	10.063440
16	7565387	11568773	15291714	9.878831	10.063287
15	7564245	11564693	15288627	9.878765	10.063134
14	7563104	11560614	15285542	9.878700	10.062981
13	7561962	11556537	15282459	9.878634	10.062828
12	7560820	11552462	15279377	9.878569	10.062674
11	7559677	11548388	15276297	9.878503	10.062521
10	7558534	11544316	15273219	9.878437	10.062368
9	7557392	11540245	15270143	9.878372	10.062215
8	7556249	11536176	15267068	9.878306	10.062062
7	7555105	11532110	15263995	9.878240	10.061909
6	7553962	11528043	15260923	9.878175	10.061755
5	7552818	11523979	15257854	9.878109	10.061602
4	7551674	11519917	15254786	9.878043	10.061449
3	7550530	11515856	15251719	9.877977	10.061296
2	7549385	11511797	15248655	9.877911	10.061143
1	7548241	11507740	15245592	9.877845	10.060990
0	7547096	11503684	15242531	9.877780	10.060837

M.	Sinus	Tang.	Secant.	Lo. Sin.	Lo Tan
0	6560593	8692367	13250130	9.816943	9.939163
1	6561907	8695932	13252141	9.817030	9.939316
2	6563224	8698997	13254152	9.817117	9.939469
3	6564541	8702064	13256165	9.817204	9.939622
4	6565857	8705131	13258179	9.817291	9.939775
5	6567174	8708200	13260194	9.817378	9.939928
6	6568490	8711269	13262210	9.817465	9.940081
7	6569806	8714339	13264227	9.817552	9.940234
8	6571121	8717411	13266245	9.817639	9.940387
9	6572437	8720483	13268264	9.817726	9.940540
10	6573752	8723556	13270283	9.817813	9.940693
11	6575067	8726630	13272304	9.817900	9.940846
12	6576382	8729705	13274326	9.817987	9.940999
13	6577697	8732781	13276349	9.818074	9.941152
14	6579012	8735857	13278374	9.818160	9.941305
15	6580326	8738935	13280399	9.818247	9.941458
16	6581640	8742014	13282425	9.818334	9.941611
17	6582954	8745093	13284452	9.818421	9.941765
18	6584268	8748174	13286480	9.818507	9.941917
19	6585581	8751256	13288509	9.818594	9.942070
20	6586894	8754338	13290539	9.818681	9.942223
21	6588208	8757421	13292570	9.818767	9.942376
22	6589520	8760506	13294603	9.818854	9.942529
23	6590833	8763591	13296636	9.818940	9.942682
24	6592146	8766677	13298670	9.819027	9.942835
25	6593458	8769764	13300705	9.819113	9.942988
26	6594770	8772853	13302742	9.819199	9.943141
27	6596082	8775942	13304779	9.819286	9.943293
28	6597394	8779032	13306818	9.819372	9.943446
29	6598705	8782123	13308857	9.819459	9.943599
30	6600016	8785214	13310897	9.819545	9.943752
31	6601328	8788307	13312939	9.819631	9.943905
32	6602638	8791401	13314981	9.819717	9.944058
33	6603949	8794496	13317025	9.819804	9.944211
34	6605260	8797592	13319070	9.819890	9.944364
35	6606570	8800688	13321115	9.819976	9.944516
36	6607880	8803786	13323162	9.820062	9.944669
37	6609190	8806884	13325210	9.820148	9.944822
38	6610500	8809984	13327258	9.820234	9.944975
39	6611809	8813084	13329308	9.820320	9.945128
40	6613118	8816186	13331359	9.820406	9.945281
41	6614428	8819288	13333411	9.820492	9.945433
42	6615736	8822391	13335464	9.820578	9.945586
43	6617045	8825496	13337517	9.820664	9.945739
44	6618354	8828601	13339572	9.820750	9.945892
45	6619662	8831707	13341628	9.820836	9.946044
46	6620970	8834814	13343685	9.820921	9.946197
47	6622278	8837922	13345744	9.821007	9.946350
48	6623586	8841031	13347803	9.821093	9.946503
49	6624893	8844141	13349863	9.821179	9.946655
50	6626200	8847252	13351924	9.821264	9.946808

M	Sinus.	Tangens.	Secant.	Lo. Sin.	Lo. Tan.
100	7547096	11506384	15242531	9.877780	10.000057
99	7545950	11499630	15239471	9.877714	10.000004
98	7544805	11495377	15236413	9.877648	10.000331
97	7543659	11491526	15233357	9.877582	10.000378
96	7542514	11487477	15230303	9.877516	10.000224
95	7541368	11483429	15227250	9.877450	10.000071
94	7540221	11479383	15224199	9.877384	10.059918
93	7539075	11475339	15221150	9.877318	10.059765
92	7537928	11471296	15218102	9.877252	10.059612
91	7536781	11467255	15215056	9.877186	10.059459
90	7535634	11463215	15212012	9.877120	10.059306
89	7534486	11459177	15208969	9.877053	10.059153
88	7533339	11455141	15205928	9.876987	10.059000
87	7532191	11451106	15202889	9.876921	10.058847
86	7531043	11447073	15199851	9.876855	10.058694
85	7529894	11443041	15196815	9.876789	10.058541
84	7528746	11439011	15193781	9.876722	10.058388
83	7527597	11434983	15190748	9.876656	10.058235
82	7526448	11430956	15187717	9.876590	10.058082
81	7525298	11426931	15184688	9.876524	10.057929
80	7524149	11422908	15181661	9.876457	10.057776
79	7522999	11418886	15178635	9.876391	10.057624
78	7521849	11414866	15175611	9.876324	10.057471
77	7520699	11410847	15172588	9.876258	10.057318
76	7519549	11406830	15169567	9.876192	10.057165
75	7518398	11402814	15166548	9.876125	10.057012
74	7517247	11398801	15163530	9.876059	10.056859
73	7516096	11394788	15160514	9.875992	10.056706
72	7514945	11390778	15157500	9.875926	10.056553
71	7513793	11386768	15154488	9.875859	10.056400
70	7512641	11382761	15151477	9.875792	10.056247
69	7511489	11378755	15148467	9.875726	10.056095
68	7510337	11374751	15145460	9.875659	10.055942
67	7509184	11370748	15142454	9.875592	10.055789
66	7508032	11366747	15139450	9.875526	10.055636
65	7506879	11362747	15136447	9.875459	10.055483
64	7505725	11358749	15133446	9.875392	10.055330
63	7504572	11354753	15130447	9.875326	10.055177
62	7503418	11350758	15127449	9.875259	10.055025
61	7502265	11346765	15124453	9.875192	10.054872
60	7501110	11342773	15121458	9.875125	10.054719
59	7499956	11338782	15118466	9.875059	10.054566
58	7498802	11334795	15115475	9.874992	10.054413
57	7497647	11330808	15112485	9.874925	10.054261
56	7496492	11326823	15109497	9.874858	10.054108
55	7495337	11322839	15106511	9.874791	10.053955
54	7494181	11318857	15103527	9.874724	10.053802
53	7493025	11314876	15100544	9.874657	10.053650
52	7491870	11310897	15097562	9.874590	10.053497
51	7490713	11306920	15094583	9.874523	10.053345
50	7489557	11302944	15091605	9.874456	10.053192

M	Sinus.	Tang.	Secant.	Lo. Sin.	Lo. Tan.
52	6626270	8847252	13351924	9.821264	9.946808
51	6627507	8853364	13353936	9.821350	9.946961
52	6628814	8853477	13356050	9.821436	9.947114
53	6630121	8856591	13358114	9.821521	9.947266
54	6631427	8859706	13360179	9.821607	9.947419
55	6632734	8862822	13362246	9.821692	9.947572
56	6634040	8865939	13364313	9.821778	9.947725
57	6635346	8869056	13366382	9.821863	9.947877
58	6636651	8872175	13368451	9.821949	9.948030
59	6637957	8875295	13370522	9.822034	9.948183
60	6639262	8878415	13372593	9.822120	9.948335
61	6640567	8881537	13374666	9.822205	9.948488
62	6641872	8884659	13376740	9.822290	9.948641
63	6643176	8887783	13378815	9.822376	9.948793
64	6644481	8890907	13380891	9.822461	9.948946
65	6645785	8894033	13382967	9.822546	9.949099
66	6647089	8897159	13385045	9.822631	9.949251
67	6648393	8900287	13387124	9.822716	9.949404
68	6649697	8903415	13389205	9.822802	9.949556
69	6651000	8906544	13391286	9.822887	9.949709
70	6652303	8909675	13393368	9.822972	9.949862
71	6653606	8912806	13395451	9.823057	9.950014
72	6654909	8915938	13397535	9.823142	9.950167
73	6656212	8919072	13399621	9.823227	9.950319
74	6657514	8922206	13401707	9.823312	9.950472
75	6658816	8925341	13403795	9.823397	9.950625
76	6660118	8928477	13405883	9.823482	9.950777
77	6661420	8931614	13407973	9.823567	9.950930
78	6662722	8934753	13410063	9.823651	9.951082
79	6664023	8937892	13412155	9.823736	9.951235
80	6665325	8941032	13414248	9.823821	9.951387
81	6666626	8944173	13416342	9.823906	9.951540
82	6667926	8947315	13418437	9.823991	9.951693
83	6669227	8950458	13420533	9.824075	9.951845
84	6670527	8953602	13422630	9.824160	9.951998
85	6671827	8956747	13424728	9.824245	9.952150
86	6673127	8959893	13426827	9.824329	9.952303
87	6674427	8963040	13428927	9.824414	9.952455
88	6675727	8966188	13431028	9.824498	9.952608
89	6677026	8969337	13433131	9.824583	9.952760
90	6678325	8972487	13435234	9.824667	9.952913
91	6679624	8975638	13437339	9.824752	9.953065
92	6680923	8978789	13439444	9.824836	9.953218
93	6682222	8981942	13441551	9.824921	9.953370
94	6683520	8985096	13443658	9.825005	9.953523
95	6684818	8988251	13445767	9.825089	9.953675
96	6686116	8991407	13447877	9.825174	9.953827
97	6687414	8994564	13449988	9.825258	9.953980
98	6688711	8997722	13452100	9.825342	9.954132
99	6690009	9000880	13454213	9.825426	9.954285
	6691306	9004040	13456327	9.825511	9.954437

M	Sinus.	Tangen.	Secant.	Lo. Sin	Lo. Tan.
50	7489557	11302944	15091605	9.874456	10.053191
49	7488400	11298969	15088628	9.874389	10.053039
48	7487244	11294997	15085654	9.874322	10.052886
47	7486087	11291025	15082681	9.874255	10.052733
46	7484929	11287056	15079709	9.874188	10.052580
45	7483772	11283087	15076739	9.874120	10.052428
44	7482614	11279121	15073771	9.874053	10.052275
43	7481456	11275156	15070805	9.873986	10.052122
42	7480298	11271193	15067840	9.873919	10.051970
41	7479139	11267231	15064876	9.873851	10.051817
40	7477981	11263271	15061915	9.873784	10.051664
39	7476822	11259312	15058954	9.873717	10.051512
38	7475663	11255355	15055996	9.873650	10.051359
37	7474503	11251399	15053039	9.873582	10.051206
36	7473344	11247445	15050084	9.873515	10.051054
35	7472184	11243493	15047130	9.873447	10.050901
34	7471024	11239542	15044178	9.873380	10.050748
33	7469864	11235593	15041228	9.873312	10.050596
32	7468703	11231645	15038279	9.873245	10.050443
31	7467543	11227698	15035332	9.873178	10.050291
30	7466382	11223754	15032387	9.873110	10.050138
29	7465220	11219810	15029443	9.873042	10.049985
28	7464059	11215869	15026500	9.872975	10.049833
27	7462897	11211929	15023560	9.872907	10.049680
26	7461736	11207990	15020621	9.872840	10.049528
25	7460574	11204053	15017683	9.872772	10.049375
24	7459411	11200118	15014747	9.872704	10.049222
23	7458248	11196184	15011813	9.872637	10.049070
22	7457086	11192251	15008880	9.872569	10.048917
21	7455923	11188320	15005949	9.872501	10.048765
20	7454760	11184391	15003020	9.872433	10.048612
19	7453596	11180463	15000092	9.872366	10.048460
18	7452433	11176537	14997166	9.872298	10.048307
17	7451269	11172612	14994241	9.872230	10.048155
16	7450105	11168689	14991318	9.872162	10.048002
15	7448940	11164767	14988397	9.872094	10.047849
14	7447776	11160847	14985477	9.872026	10.047697
13	7446611	11156929	14982558	9.871958	10.047544
12	7445446	11153012	14979642	9.871891	10.047392
11	7444281	11149096	14976727	9.871823	10.047239
10	7443115	11145182	14973813	9.871755	10.047087
9	7441950	11141269	14970901	9.871687	10.046934
8	7440784	11137358	14967991	9.871618	10.046782
7	7439617	11133449	14965082	9.871550	10.046629
6	7438451	11129541	14962175	9.871482	10.046477
5	7437284	11125634	14959269	9.871414	10.046325
4	7436118	11121730	14956365	9.871346	10.046172
3	7434951	11117826	14953463	9.871278	10.046020
2	7433783	11113924	14950562	9.871210	10.045867
1	7432616	11110024	14947663	9.871141	10.045715
0	7431448	11106125	14944765	9.871073	10.045562

M	Sinus.	Tang.	Secant.	Lo. Sin.	Lo. Tan
0	6691306	9004040	13456227	9.825511	9.954437
1	6692603	9007201	13458443	9.825595	9.954590
2	6693900	9010363	13460659	9.825679	9.954742
3	6695196	9013526	13462876	9.825763	9.954895
4	6696492	9016689	13465094	9.825847	9.955047
5	6697788	9019854	13467314	9.825931	9.955199
6	6699084	9023020	13469534	9.826015	9.955359
7	6700380	9026187	13471756	9.826099	9.955504
8	6701676	9029355	13473979	9.826183	9.955657
9	6702971	9032523	13476203	9.826267	9.955809
10	6704266	9035693	13477523	9.826351	9.955961
11	6705561	9038864	13479654	9.826435	9.956114
12	6706856	9042036	13481881	9.826519	9.956266
13	6708150	9045209	13483909	9.826603	9.956418
14	6709444	9048382	13486038	9.826686	9.956571
15	6710738	9051557	13488168	9.826770	9.956723
16	6712032	9054733	13490300	9.826854	9.956875
17	6713325	9057910	13492432	9.826938	9.957023
18	6714619	9061087	13494566	9.827021	9.957180
19	6715913	9064266	13496700	9.827105	9.957332
20	6717205	9067446	13498836	9.827188	9.957485
21	6718498	9070627	13500973	9.827272	9.957637
22	6719791	9073809	13503111	9.827356	9.957789
23	6721084	9076992	13505250	9.827439	9.957942
24	6722376	9080175	13507390	9.827523	9.958094
25	6723668	9083360	13509531	9.827606	9.958247
26	6724960	9086546	13511673	9.827689	9.958399
27	6726251	9089733	13513817	9.827773	9.958551
28	6727543	9092921	13515961	9.827856	9.958703
29	6728834	9096110	13518107	9.827940	9.958856
30	6730125	9099300	13520254	9.828023	9.959008
31	6731416	9102491	13522401	9.828106	9.959160
32	6732706	9105683	13524550	9.828189	9.959312
33	6733997	9108875	13526700	9.828273	9.959465
34	6735287	9112069	13528851	9.828356	9.959617
35	6736577	9115264	13531003	9.828439	9.959769
36	6737867	9118460	13533156	9.828522	9.959921
37	6739156	9121657	13535311	9.828605	9.960074
38	6740446	9124855	13537466	9.828688	9.960226
39	6741735	9128055	13539623	9.828771	9.960378
40	6743024	9131255	13541780	9.828854	9.960530
41	6744312	9134456	13543939	9.828937	9.960682
42	6745601	9137658	13546099	9.829020	9.960835
43	6746889	9140861	13548260	9.829103	9.960987
44	6748177	9144065	13550422	9.829186	9.961139
45	6749465	9147270	13552585	9.829269	9.961291
46	6750753	9150476	13554749	9.829352	9.961444
47	6752041	9153684	13556914	9.829435	9.961595
48	6753328	9156892	13559081	9.829518	9.961748
49	6754615	9160101	13561248	9.829600	9.961900
50	6755902	9163312	13563417	9.829683	9.962052

M.	Sinus.	Tangen.	Secant.	Lo. Sin.	Log. Tan
100	7431448	11106125	14944765	9.871073	10.045562
99	7430280	11102228	14941869	9.871005	10.045410
98	7429112	11098332	14938975	9.870937	10.045258
97	7427943	11094437	14936082	9.870868	10.045105
96	7426775	11090545	14933190	9.870800	10.044953
95	7425606	11086653	14930301	9.870732	10.044800
94	7424437	11082763	14927412	9.870663	10.044648
93	7423268	11078875	14924526	9.870595	10.044495
92	7422098	11074988	14921641	9.870526	10.044343
91	7420928	11071103	14918757	9.870458	10.044191
90	7419758	11067219	14915875	9.870390	10.044038
89	7418588	11063337	14912995	9.870321	10.043886
88	7417418	11059456	14910116	9.870253	10.043734
87	7416247	11055577	14907239	9.870184	10.043581
86	7415076	11051699	14904363	9.870115	10.043429
85	7413905	11047822	14901489	9.870047	10.043276
84	7412733	11043948	14898617	9.869978	10.043124
83	7411562	11040074	14895746	9.869910	10.042972
82	7410390	11036202	14892876	9.869841	10.042819
81	7409218	11032332	14890008	9.869772	10.042667
80	7408046	11028463	14887142	9.869703	10.042515
79	7406873	11024596	14884277	9.869635	10.042362
78	7405701	11020730	14881414	9.869566	10.042210
77	7404528	11016866	14878553	9.869497	10.042058
76	7403354	11013003	14875692	9.869428	10.041906
75	7402181	11009141	14872834	9.869360	10.041753
74	7401007	11005281	14869977	9.869291	10.041601
73	7399834	11001423	14867122	9.869222	10.041449
72	7398660	10997566	14864268	9.869153	10.041296
71	7397485	10993710	14861415	9.869084	10.041144
70	7396311	10989856	14858565	9.869015	10.040992
69	7395136	10986004	14855715	9.868946	10.040840
68	7393961	10982153	14852868	9.868877	10.040687
67	7392786	10978303	14850021	9.868808	10.040535
66	7391610	10974455	14847177	9.868739	10.040383
65	7390435	10970608	14844334	9.868670	10.040231
64	7389259	10966763	14841492	9.868601	10.040078
62	7388083	10962919	14838652	9.868532	10.039926
62	7386907	10959077	14835814	9.868462	10.039774
61	7385730	10955236	14832977	9.868393	10.039622
60	7384553	10951397	14830142	9.868324	10.039469
59	7383376	10947559	14827308	9.868255	10.039317
58	7382199	10943723	14824475	9.868186	10.039165
57	7381022	10939888	14821645	9.868116	10.039013
56	7379844	10936055	14818815	9.868047	10.038860
55	7378666	10932223	14815988	9.867978	10.038708
54	7377488	10928392	14813162	9.867908	10.038556
53	7376310	10924563	14810337	9.867839	10.038404
52	7375131	10920736	14807514	9.867770	10.038252
51	7373952	10916909	14804692	9.867700	10.038100
50	7372773	10913085	14801872	9.867631	10.037947

M	Sinus.	Tang.	Secant.	L. Sin.	Lo. Tan
50	6755902	9163312	13563417	9.829785	9.962052
51	6757189	9166523	13565587	9.829950	9.962204
52	6758475	9169735	13567757	9.830049	9.962357
53	6759761	9172949	13569929	9.830231	9.962509
54	6761047	9176163	13572102	9.830014	9.962661
55	6762333	9179378	13574277	9.830036	9.962813
56	6763619	9182595	13576452	9.830179	9.962965
57	6764904	9185812	13578628	9.830261	9.963117
58	6766190	9189031	13580806	9.830344	9.963270
59	6767475	9192251	13582985	9.830426	9.963422
60	6768759	9195471	13585164	9.830509	9.963574
61	6770044	9198693	13587345	9.830591	9.963726
62	6771329	9201915	13589527	9.830674	9.963878
63	6772613	9205139	13591710	9.830756	9.964030
64	6773897	9208364	13593894	9.830838	9.964182
65	6775181	9211590	13596080	9.830921	9.964334
66	6776464	9214817	13598266	9.831003	9.964487
67	6777748	9218044	13600454	9.831085	9.964639
68	6779031	9221273	13602642	9.831167	9.964791
69	6780314	9224503	13604832	9.831250	9.964943
70	6781596	9227734	13607023	9.831332	9.965095
71	6782879	9230966	13609215	9.831414	9.965247
72	6784161	9234199	13611408	9.831496	9.965399
73	6785444	9237433	13613603	9.831578	9.965551
74	6786726	9240668	13615798	9.831660	9.965703
75	6788007	9243905	13617994	9.831742	9.965855
76	6789289	9247142	13620192	9.831824	9.966007
77	6790570	9250380	13622391	9.831906	9.966159
78	6791851	9253620	13624591	9.831988	9.966311
79	6793132	9256860	13626792	9.832070	9.966464
80	6794413	9260101	13628994	9.832152	9.966613
81	6795693	9263344	13631197	9.832234	9.966768
82	6796974	9266587	13633402	9.832315	9.966920
83	6798254	9269832	13635607	9.832397	9.967072
84	6799534	9273077	13637814	9.832479	9.967224
85	6800813	9276324	13640022	9.832561	9.967376
86	6802093	9279572	13642230	9.832642	9.967528
87	6803372	9282821	13644441	9.832724	9.967680
88	6804651	9286070	13646652	9.832806	9.967832
89	6805930	9289321	13648864	9.832887	9.967984
90	6807208	9292573	13651077	9.832969	9.968136
91	6808487	9295826	13653292	9.833050	9.968288
92	6809765	9299080	13655508	9.833132	9.968440
93	6811043	9302335	13657725	9.833213	9.968592
94	6812321	9305592	13659943	9.833295	9.968744
95	6813599	9308849	13662162	9.833376	9.968896
96	6814876	9312107	13664382	9.833458	9.969048
97	6816153	9315366	13666603	9.833539	9.969200
98	6817430	9318627	13668826	9.833621	9.969352
99	6818707	9321888	13671050	9.833702	9.969504
—	6819983	9325115	13673274	9.833783	9.969656

M	Sinus	Tangens	Secans.	Lo. Sin	Lo. Tan.
50	7372773	10913015	14801572	9.867631	10.037947
49	7371594	10909292	14796054	9.867561	10.037795
48	7370414	10905440	14796237	9.867492	10.037643
47	7369235	10901620	14793421	9.867422	10.037491
46	7368055	10897801	14790607	9.867353	10.037339
45	7366875	10893983	14787795	9.867283	10.037187
44	7365694	10890107	14784984	9.867214	10.037035
43	7364514	10886353	14782174	9.867144	10.036882
42	7363333	10882540	14779366	9.867074	10.036730
41	7362152	10878728	14776560	9.867005	10.036578
40	7360971	10874918	14773755	9.866935	10.036426
39	7.59789	10871.09	14770952	9.866865	10.036274
38	7358607	10867302	14768150	9.866795	10.036122
37	7357426	10863496	14765350	9.866726	10.035969
36	7356243	10859692	14762551	9.866656	10.035817
35	7355061	10855889	14759754	9.866586	10.035665
34	7353878	10852086	14756958	9.866516	10.035513
33	7352696	10848288	14754163	9.866446	10.035361
32	7351513	10844489	14751371	9.866377	10.035210
31	7350329	10840692	14748579	9.866307	10.035057
30	7349146	10836896	14745790	9.866237	10.034905
29	7347962	10833102	14743001	9.866167	10 034753
28	7346778	10829309	14740215	9.866097	10.034601
27	7345594	10825517	14737429	9.866027	10.034448
26	7344410	10821727	14734646	9.865957	10.034296
25	7343225	10817939	14731863	9.865887	10.034144
24	7342040	10814152	14729083	9.865817	10 033992
23	7340855	10810366	14726303	9.865746	10.033840
22	7339670	10806582	14723526	9.865676	10.033688
21	7338484	10802799	14720749	9.865606	10.033536
20	7337298	10799017	14717975	9.865536	10.033384
19	7336112	10795237	14715201	9.865466	10.033232
18	7334926	10791459	14712430	9.865396	10 0.3080
17	7333740	10787682	14709659	9.865325	10.032928
16	7332553	10783906	14706890	9.865255	10. 32776
15	7331366	10780132	14704123	9.865185	10.032624
14	7330179	10776359	14701357	9.865114	10.032472
13	7328992	10772587	14698593	9.865044	10.032320
12	7327805	10768817	14695830	9.864974	10.0 2168
11	7326617	10765049	14693069	9.864903	10.032016
10	7325429	10761281	14690309	9.864833	10.03 864
9	7324241	10757516	14687551	9.864762	10.031712
8	7323052	10753751	14684794	9.864692	10.031560
7	7321864	10749988	14682038	9.864621	10.031408
6	7320675	10746227	14679284	9.864551	10.031256
5	7319486	10742467	14676532	9.864480	10.031104
4	7318296	10738708	14673781	9.864410	10.030952
3	7317107	10734950	14671031	9.864339	10.03 800
2	7315917	10731195	14668283	9.864269	10.030648
1	7314727	10727440	14665537	9.864198	10.030496
0	7313537	10723687	14662792	9.864127	10 030344

M.	Sinus.	Tang.	Secant.	Lo. Sin.	Lo Tan
0	6819913	9325151	13673274	9.833783	9.969656
1	6821260	9328414	13675500	9.833864	9.969808
2	6822536	9331679	13677727	9.833946	9.969960
3	6823812	9334945	13679956	9.834027	9.970112
4	6825088	9338211	13682185	9.834108	9.970264
5	6826362	9341479	13684416	9.834189	9.970415
6	6827636	9344748	13686647	9.834270	9.970567
7	6828913	9348018	13688880	9.834351	9.970719
8	6830188	9351289	13691114	9.834432	9.970871
9	6831463	9354561	13693349	9.834514	9.971023
10	6832738	9357834	13695585	9.834595	9.971175
11	6834012	9361109	13697823	9.834676	9.971327
12	6835286	9364384	13700061	9.834756	9.971479
13	6836560	9367660	13702301	9.834837	9.971631
14	6837833	9370938	13704542	9.834918	9.971783
15	6839107	9374216	13706784	9.834999	9.971935
16	6840380	9377496	13709027	9.835080	9.972087
17	6841653	9380776	13711271	9.835161	9.972239
18	6842926	9384058	13713517	9.835242	9.972390
19	6844198	9387341	13715764	9.835322	9.972542
20	6845471	9390625	13718011	9.835403	9.972694
21	6846743	9393910	13720260	9.835484	9.972846
22	6848015	9397196	13722510	9.835564	9.972998
23	6849287	9400483	13724762	9.835645	9.973150
24	6850558	9403771	13727014	9.835726	9.973302
25	6851830	9407060	13729267	9.835806	9.973454
26	6853101	9410351	13731522	9.835887	9.973606
27	6854372	9413642	13733778	9.835967	9.973757
28	6855643	9416935	13736035	9.836048	9.973909
29	6856913	9420228	13738293	9.836128	9.974061
30	6858183	9423523	13740553	9.836209	9.974213
31	6859453	9426819	13742813	9.836289	9.974365
32	6860723	9430116	13745075	9.836370	9.974517
33	6861993	9433414	13747338	9.836450	9.974669
34	6863262	9436713	13749602	9.836530	9.974821
35	6864532	9440013	13751867	9.836611	9.974972
36	6865801	9443314	13754133	9.836691	9.975124
37	6867070	9446616	13756401	9.836771	9.975276
38	6868338	9449920	13758669	9.836851	9.975428
39	6869607	9453224	13760939	9.836932	9.975580
40	6870875	9456530	13763210	9.837012	9.975732
41	6872143	9459836	13765482	9.837092	9.975883
42	6873411	9463144	13767756	9.837172	9.976035
43	6874678	9466453	13770030	9.837252	9.976187
44	6875946	9469763	13772306	9.837332	9.976339
45	6877213	9473074	13774583	9.837412	9.976491
46	6878480	9476386	13776861	9.837492	9.976643
47	6879747	9479699	13779140	9.837572	9.976794
48	6881013	9483014	13781420	9.837652	9.976946
49	6882279	9486329	13783702	9.837732	9.977098
50	6883546	9489645	13785985	9.837812	9.977250

M	Sinus.	Tangen.	Secant.	Lo. Sin.	Lo. Tan.
100	7313537	10723687	14662792	9.864127	10.030344
99	7312346	10719935	14660048	9.864057	10.030192
98	7311156	10716185	14657306	9.863985	10.030040
97	7309965	10712436	14654565	9.863915	10.029888
96	7308774	10708688	14651826	9.863844	10.029736
95	7307582	10704942	14649088	9.863774	10.029584
94	7306391	10701198	14646352	9.863703	10.029432
93	7305199	10697454	14643617	9.863632	10.029280
92	7304007	10693712	14640884	9.863561	10.029128
91	7302815	10689972	14638152	9.863490	10.028976
90	7301623	10686233	14635422	9.863419	10.028824
89	7300430	10682495	14632693	9.863348	10.028673
88	7299237	10678759	14629965	9.863277	10.028521
87	7298044	10675024	14627239	9.863206	10.028369
86	7296851	10671290	14624515	9.863135	10.028217
85	7295657	10667558	14621792	9.863064	10.028065
84	7294463	10663827	14619070	9.862993	10.027913
83	7293269	10660098	14616350	9.862922	10.027761
82	7292075	10656370	14613631	9.862851	10.027609
81	7290881	10652643	14610914	9.862780	10.027457
80	7289680	10648918	14608198	9.862709	10.027305
79	7288491	10645194	14605484	9.862637	10.027153
78	7287296	10641472	14602771	9.862566	10.027002
77	7286101	10637751	14600060	9.862495	10.026850
76	7284905	10634031	14597350	9.862424	10.026698
75	7283709	10630313	14594641	9.862352	10.026546
74	7282514	10626596	14591934	9.862281	10.026394
73	7281317	10622880	14589229	9.862210	10.026242
72	7280122	10619166	14586524	9.862138	10.026090
71	7278924	10615453	14583822	9.862067	10.025938
70	7277727	10611742	14581120	9.861996	10.025786
69	7276530	10608032	14578420	9.861924	10.025635
68	7275333	10604323	14575722	9.861853	10.025483
67	7274135	10600616	14573025	9.861781	10.025331
66	7272938	10596910	14570330	9.861710	10.025179
65	7271740	10593205	14567635	9.861638	10.025027
64	7270542	10589502	14564943	9.861567	10.024875
63	7269343	10585801	14562252	9.861495	10.024724
62	7268145	10582100	14559562	9.861423	10.024572
61	7266946	10578401	14556874	9.861352	10.024420
60	7265747	10574703	14554187	9.861280	10.024268
59	7264547	10571007	14551501	9.861208	10.024116
58	7263348	10567312	14548817	9.861137	10.023964
57	7262148	10563618	14546135	9.861065	10.023813
56	7260948	10559926	14543453	9.860993	10.023661
55	7259748	10556235	14540774	9.860921	10.023509
54	7258547	10552546	14538095	9.860850	10.023357
53	7257346	10548857	14535419	9.860778	10.023205
52	7256144	10545171	14532743	9.860706	10.023053
51	7254945	10541485	14530069	9.860634	10.022902
50	7253744	10537801	14527397	9.860562	10.022750

M	Sinus.	Tang.	Secant.	Lo. Sin.	Lo. Tan.
50	6883546	9489745	13785985	9.837812	9.977250
51	6884811	9492263	13788268	9.837892	9.977402
52	6886077	9496282	13790554	9.837972	9.977553
53	6887343	9499502	13792840	9.838052	9.977705
54	6888608	9502922	13795127	9.838131	9.977857
55	6889873	9506243	13797416	9.838211	9.978009
56	6891138	9509563	13799706	9.838291	9.978161
57	6892403	9512892	13801997	9.838370	9.978312
58	6893667	9516217	13804289	9.838450	9.978464
59	6894931	9519544	13806582	9.838530	9.978616
60	6896195	9522871	13808877	9.838609	9.978768
61	6897459	9526200	13811172	9.838689	9.978919
62	6898723	9529529	13813469	9.838768	9.979071
63	6899986	9532860	13815767	9.838848	9.979223
64	6901249	9536192	13818066	9.838928	9.979375
65	6902512	9539525	13820367	9.839007	9.979527
66	6903775	9542860	13822669	9.839086	9.979678
67	6905038	9546195	13824971	9.839166	9.979830
68	6906300	9549531	13827 75	9.839245	9.979982
69	6907562	9552869	13829581	9 839325	9.980134
70	6908824	9556207	13831887	9.839404	9.980285
71	6910086	9559547	13834195	9.839483	9.980437
72	6911347	9562888	13836503	9.839563	9.980589
73	6912608	9566230	13838813	9.839642	9.980741
74	6913869	9569573	13841124	9.839721	9.980892
75	6915130	9572917	13843437	9.839800	9.981044
76	6916391	9576263	13845750	9.839879	9.981196
77	6917651	9579609	13848065	9.839958	9.981348
78	6918912	9582957	13850381	9.840038	9.981499
79	6920172	9586305	13852698	9 840117	9.981651
80	6921432	9589655	13855016	9.840196	9.981803
81	6922691	9593006	13857336	9.840275	9.981955
82	6923951	9596358	13859657	9.840354	9.982106
83	6925210	9599711	13861979	9.840433	9.982258
84	6926469	9603065	13864302	9.840512	9.982410
85	6927727	9606421	13866626	9.840591	9.982561
86	6928986	9609777	13868952	9.840669	9.982713
87	6930241	9613135	13871278	9.840748	9.982865
88	6931502	9616494	13873606	9.840827	9.983017
89	6932760	9619854	13875935	9.840906	9.983167
90	6934018	9623215	13878266	9.840985	9.983320
91	6935276	9626577	13880597	9.841064	9.983472
92	6936533	9629940	13882930	9.841142	9.983623
93	6937790	9633305	13885264	9.841221	9.983775
94	6939047	9636670	13887599	9.841300	9.983927
95	6940303	9640037	13889936	9.841378	9.984079
96	6941560	9643405	13892273	9.841457	9.984230
97	6942816	9646774	13894612	9.841535	9.984382
98	6944072	9650144	13896952	9.841614	9.984534
99	6945328	9653515	13899293	9.841693	9.984685
100	6946584	9656888	13901636	9.841771	9.984837

M	Sinus.	Tangen.	Secant.	Lo. Sin.	Lo. Tan.
50	7253744	10537801	14527397	9.860562	10.022750
49	7252542	10534118	14524725	9.860490	10.022758
48	7251340	10530437	14522056	9.860418	10.022766
47	7250138	10526757	14519387	9.860346	10.022294
46	7248936	10523078	14516720	9.860274	10.022143
45	7247734	10519401	14514055	9.860202	10.021991
44	7246531	10515725	14511391	9.860130	10.021839
43	7245328	10512050	14508728	9.860058	10.021687
42	7244125	10508377	14506067	9.859986	10.021535
41	7242922	10504705	14503407	9.859914	10.021384
40	7241718	10501034	14500749	9.859841	10.021232
39	7240515	10497365	14498092	9.859769	10.021080
38	7239311	10493697	14495436	9.859697	10.020928
37	7238107	10490031	14492782	9.859625	10.020777
36	7236902	10486365	14490130	9.859553	10.020625
35	7235698	10482701	14487478	9.859480	10.020473
34	7234493	10479039	14484828	9.859408	10.020321
33	7233288	10475378	14482180	9.859336	10.020169
32	7232082	10471718	14479533	9.859263	10.020018
31	7230877	10468059	14476887	9.859191	10.019866
30	7229671	10464402	14474243	9.859118	10.019714
29	7228465	10460746	14471600	9.859046	10.019562
28	7227259	10457092	14468959	9.858973	10.019411
27	7226053	10453438	14466319	9.858901	10.019259
26	7224846	10449787	14463680	9.858828	10.019107
25	7223639	10446136	14461043	9.858756	10.018955
24	7222432	10442487	14458407	9.858683	10.018804
23	7221225	10438839	14455772	9.858611	10.018652
22	7220018	10435192	14453139	9.858538	10.018500
21	7218810	10431547	14450508	9.858465	10.018349
20	7217602	10427903	14447878	9.858393	10.018197
19	7216394	10424261	14445249	9.858320	10.018045
18	7215186	10420620	14442621	9.858247	10.017893
17	7213977	10416980	14439995	9.858175	10.017742
16	7212768	10413341	14437371	9.858102	10.017590
15	7211559	10409704	14434747	9.858029	10.017438
14	7210350	10406068	14432126	9.857956	10.017286
13	7209141	10402433	14429505	9.857883	10.017135
12	7207931	10398800	14426886	9.857810	10.016983
11	7206721	10395168	14424268	9.857738	10.016831
10	7205511	10391537	14421652	9.857665	10.016680
9	7204301	10387908	14419037	9.857592	10.016528
8	7203090	10384280	14416424	9.857519	10.016376
7	7201879	10380653	14413811	9.857446	10.016224
6	7200668	10377028	14411201	9.857373	10.016073
5	7199457	10373404	14408591	9.857300	10.015921
4	7198246	10369781	14405983	9.857226	10.015769
3	7197034	10366159	14403377	9.857153	10.015618
2	7195822	10362539	14400771	9.857080	10.015466
1	7194610	10358920	14398168	9.857007	10.015314
0	7193398	10355303	14395565	9.856934	10.015163

M.	Sinus	Tang.	Secant.	Lo. Sin.	Lo Tan
0	6926584	9656368	13901783	9.841771	9.984837
1	6947639	9662091	13923973	9.841930	9.984989
2	6968694	9673636	13960324	9.842248	9.985140
3	6989749	9679012	13978570	9.842406	9.985292
4	7010804	9690388	13911018	9.842085	9.985444
5	7031858	9673766	13913366	9.842163	9.985595
6	7054113	9677146	13915716	9.842242	9.985747
7	7073367	9680526	13918067	9.842320	9.985899
8	7094621	9683908	13920419	9.842398	9.986050
9	7115874	9687290	1392272	9.842476	9.986202
10	7137128	9690674	13925127	9.842555	9.986354
11	7158381	9694059	13927483	9.842633	9.986505
12	7179634	9697445	13929840	9.842711	9.986657
13	7200887	9700832	13932198	9.842789	9.986809
14	7222140	9704221	13934558	9.842867	9.986960
15	7243392	9707610	13936918	9.842945	9.987112
16	7266644	9711001	13939280	9.843023	9.987264
17	7287896	9714393	13941643	9.843101	9.987415
18	7309148	9717786	13944007	9.843179	9.987567
19	7330399	9721180	13946373	9.843257	9.987719
20	7351651	9724575	13948740	9.843335	9.987870
21	7372902	9727971	13951108	9.843413	9.988022
22	7394153	9731369	13953478	9.843491	9.988174
23	7415404	9734768	13955848	9.843569	9.988325
24	7436654	9738167	13958220	9.843647	9.988477
25	7457904	9741569	13960593	9.843725	9.988629
26	7479154	9744971	13962967	9.843803	9.988780
27	7500404	9748374	13965343	9.843880	9.988932
28	7521654	9751778	13967719	9.843958	9.989084
29	7542903	9755184	13970097	9.844036	9.989235
30	7564153	9758591	13972476	9.844114	9.989387
31	7585402	9761999	13974857	9.844191	9.989539
32	7606650	9765408	13977238	9.844269	9.989690
33	7627899	9768819	13979621	9.844346	9.989842
34	7649147	9772230	13982005	9.844424	9.989993
35	7670396	9775643	13984391	9.844502	9.990145
36	7691644	9779056	13986777	9.844579	9.990297
37	7712891	9782471	13989165	9.844657	9.990448
38	7734139	9785888	13991554	9.844734	9.990600
39	7755386	9789305	13993945	9.844812	9.990752
40	7776633	9792723	13996336	9.844889	9.990903
41	7797880	9796143	13998729	9.844966	9.991055
42	7819127	9799564	14001123	9.845044	9.991207
43	7840373	9802986	14003518	9.845121	9.991358
44	7861619	9806409	14005915	9.845198	9.991510
45	7882865	9809833	14008313	9.845276	9.991661
46	7904111	9813259	14010712	9.845353	9.991813
47	7925357	9816685	14013112	9.845430	9.991965
48	7946602	9820113	14015514	9.845507	9.992116
49	7967847	9823542	14017916	9.845584	9.992268
50	7989092	9826972	14020320	9.845662	9.992420

N.	Sinus	Tangen.	Secant.	Lo. Sin.	Lo. Tan.
100	7193398	10355303	14395565	9.856934	10.015163
99	7192185	10351687	14392964	9.856861	10 015011
98	7190973	10348072	14390364	9.856787	10.014859
97	7189760	10344458	14387766	9.856714	10.014708
96	7188546	10340846	14385169	9.856641	10.014556
95	7187333	10337235	14382574	9.856568	10.014404
94	7186119	10333625	14379979	9.856494	10.014253
93	7184906	10330017	14377387	9.856421	10.014101
92	7183692	10326410	14374795	9.856347	10.013949
91	7182477	10322804	14372205	9.856274	10.013797
90	7181263	10319199	14369616	9.856201	10.013646
89	7180048	10315596	14367029	9.856127	10.013494
88	7178833	10311994	14364443	9.856054	10 013342
87	7177618	10308394	14361858	9.855980	10.013191
86	7176403	10304794	14359275	9.855907	10.013039
85	7175187	10301196	14356693	9.855833	10.012887
84	7173971	10297599	14354113	9.855759	10.012736
83	7172755	10294004	14351534	9.855686	10 012584
82	7171539	10290410	14348956	9.855612	10.012432
81	7170323	10286817	14346379	9.855539	10.012281
80	7169106	10283225	14343804	9.855465	10.012129
79	7167889	10279635	14341231	9.855391	10.011978
78	7166672	10276046	14338658	9.855317	10.011826
77	7165455	10272458	14336087	9.855244	10.0 1674
76	7164237	10268872	14333518	9.855170	10.011523
75	7163019	10265287	14330950	9.855096	10.011371
74	7161801	10261703	14328383	9.855022	10.011219
73	7160583	10258121	14325817	9.854948	10.011068
72	7159365	10254539	14323253	9.854874	10.010916
71	7158146	10250959	14320690	9.854800	10.010764
70	7156927	10247381	14318129	9.854726	10.010613
69	7155708	10243803	14315568	9.854652	10.010461
68	7154489	10240227	14313010	9.854578	10.010309
67	7153269	10236652	14310452	9.854504	10.010158
66	7152050	10233078	14307896	9.854430	10.010006
65	7150830	10229506	14305341	9.854356	10.009854
64	7149609	10225935	14302780	9.854282	10.009703
63	7148389	10222365	14300230	9.854208	10.009551
62	7147168	10218797	14297685	9.854134	10.009400
61	7145948	10215230	14295130	9.854060	10.009248
60	7144727	10211664	14292583	9.853985	10.009096
59	7143505	10208099	14290541	9.853911	10.008945
58	7142284	10204535	14287496	9.853837	10.008793
57	7141062	10200973	14284952	9.853763	10.008641
56	7139840	10197412	14282409	9.853688	10.008490
55	7138618	10193853	14279868	9.853614	10.008338
54	7137396	10190294	14277328	9.853540	10.008187
53	7136174	10186737	14274790	9.853465	10.008035
52	7134951	10183182	14272252	9.853391	10.007883
51	7133728	10179627	14269716	9.853316	10.007732
50	7132504	10176074	14267182	9.853242	10.007580

M	Sinus.	Tang.	Secant.	Lo. Sin.	Lo. Tan.
50	7009092	9826972	14020320	9.845662	9.992420
51	7010337	9830404	14022726	9.845739	9.992571
52	7011582	9833836	14025132	9.845816	9.992723
53	7012826	9837270	14027540	9.845893	9.992874
54	7014070	9840705	14029949	9.845970	9.993020
55	7015314	9844141	14032359	9.846047	9.993178
56	7016558	9847578	14034771	9.846124	9.993329
57	7017801	9851017	14037184	9.846201	9.993481
58	7019044	9854456	14039598	9.846278	9.993632
59	7020288	9857897	14042013	9.846355	9.993784
60	7021530	9861339	14044430	9.846432	9.993936
61	7022773	9864782	14046848	9.846508	9.994087
62	7024015	9868227	14049267	9.846585	9.994239
63	7025258	9871672	14051687	9.846662	9.994391
64	7026499	9875119	14054109	9.846739	9.994542
65	7027741	9878567	14056532	9.846816	9.994694
66	7028983	9882016	14058956	9.846892	9.994845
67	7030224	9885466	14061381	9.846969	9.994997
68	7031465	9888918	14063808	9.847046	9.995149
69	7032706	9892371	14066236	9.847122	9.995300
70	7033947	9895825	14068665	9.847199	9.995452
71	7035187	9899280	14071096	9.847275	9.995603
72	7036428	9902736	14073528	9.847352	9.995755
73	7037668	9906193	14075961	9.847429	9.995907
74	7038907	9909652	14078395	9.847505	9.996058
75	7040147	9913112	14080830	9.847582	9.996210
76	7041386	9916573	14083267	9.847658	9.996361
77	7042626	9920035	14085705	9.847734	9.996513
78	7043865	9923499	14088145	9.847811	9.996665
79	7045103	9926963	14090585	9.847887	9.996816
80	7046342	9930429	14093027	9.847964	9.996968
81	7047580	9933896	14095471	9.848040	9.997119
82	7048818	9937365	14097915	9.848116	9.997271
83	7050056	9940834	14100361	9.848192	9.997423
84	7051294	9944305	14102808	9.848269	9.997574
85	7052531	9947777	14105256	9.848345	9.997726
86	7053769	9951250	14107706	9.848421	9.997877
87	7055006	9954724	14110157	9.848497	9.998029
88	7056243	9958199	14112609	9.848573	9.998181
89	7057479	9961676	14115062	9.848649	9.998332
90	7058716	9965154	14117517	9.848725	9.998484
91	7059952	9968633	14119973	9.848802	9.998635
92	7061188	9972113	14122431	9.848878	9.998787
93	7062423	9975595	14124889	9.848954	9.998939
94	7063659	9979078	14127349	9.849030	9.999090
95	7064894	9982562	14129810	9.849105	9.999242
96	7066129	9986047	14132273	9.849181	9.999393
97	7067364	9989533	14134736	9.849257	9.999545
98	7068599	9993021	14137201	9.849333	9.999697
99	7069833	9996510	14139668	9.849409	9.999848
	7071068	10000000	14142135	9.849485	10.000000

M	Sinus	Tangens	Secant.	Lo. Sin	Lo. Tan.
50	7132504	10176074	14267182	9.853242	10.007580
49	7131281	10172522	14264648	9.853167	10.007428
48	7130057	10168971	14262117	9.853093	10.007277
47	7128833	10165421	14259586	9.853018	10.007125
46	7127609	10161873	14257057	9.852944	10.006974
45	7126385	10158326	14254529	9.852869	10.006822
44	7125160	10154780	14252002	9.852794	10.006670
43	7123936	10151236	14249477	9.852720	10.006519
42	7122711	10147693	14246953	9.852645	10.006367
41	7121486	10144151	14244430	9.852570	10.006216
40	7120260	10140610	14241909	9.852496	10.006065
39	7119035	10137071	14239389	9.852421	10.005912
38	7117809	10133532	14236870	9.852346	10.005761
37	7116583	10129995	14234353	9.852271	10.005609
36	7115357	10126460	14231837	9.852196	10.005457
35	7114130	10122925	14229322	9.852122	10.005306
34	7112903	10119392	14226809	9.852047	10.005154
33	7111677	10115860	14224297	9.851972	10.005003
32	7110449	10112329	14221786	9.851897	10.004851
31	7109222	10108800	14219277	9.851822	10.004699
30	7107995	10105272	14216769	9.851747	10.004548
29	7106767	10101745	14214262	9.851672	10.004396
28	7105539	10098219	14211757	9.851597	10.004245
27	7104311	10094695	14209252	9.851522	10.004093
26	7103082	10091171	14206750	9.851447	10.003941
25	7101854	10087649	14204248	9.851372	10.003790
24	7100625	10084128	14201748	9.851296	10.003638
23	7099396	10080609	14199249	9.851221	10.003487
22	7098166	10077091	14196752	9.851146	10.003335
21	7096937	10073574	14194255	9.851071	10.003183
20	7095707	10070058	14191760	9.850995	10.003032
19	7094477	10066543	14189267	9.850920	10.002880
18	7093247	10063030	14186774	9.850845	10.002729
17	7092017	10059518	14184283	9.850770	10.002577
16	7090786	10056007	14181794	9.850694	10.002425
15	7089555	10052497	14179305	9.850619	10.002274
14	7088324	10048989	14176818	9.850543	10.002122
13	7087093	10045482	14174332	9.850468	10.001971
12	7085862	10041976	14171846	9.850392	10.001819
11	7084630	10038471	14169365	9.850317	10.001667
10	7083398	10034967	14166883	9.850241	10.001516
9	7082166	10031465	14164402	9.850166	10.001364
8	7080934	10027964	14161923	9.850090	10.001213
7	7079701	10024464	14159445	9.850015	10.001061
6	7078469	10020966	14156968	9.849939	10.000909
5	7077236	10017468	14154493	9.849863	10.000758
4	7076002	10013972	14152019	9.849788	10.000606
3	7074769	10010477	14149546	9.849712	10.000455
2	7073535	10006984	14147075	9.849636	10.000303
1	7072302	10003491	14144604	9.849561	10.000151
0	7071068	10000000	14142135	9.849485	10.000000

C

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N	6	7	8	9	D
			23561	003891	432
			28	003174	428
				2415	424
				6616	419
				0775	416
				4896	412
				178	408
				21	404
				28	400
				18	396
				2	393
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CHILIADES LOGARITHMORUM,

Pro Numeris naturali ſerie creſcentibus ab unitate ad 10000.

Num	Logarith.	Num	Logarith.	Num	Logarith.	Num	Logarith.
		50	1.6989700	100	2.0000000	150	2.1760913
1	0.0000000	51	1.7075702	101	2.0043214	151	2.1789769
2	0.3010300	52	1.7160033	102	2.0086002	152	2.1818436
3	0.4771212	53	1.7242759	103	2.0128372	153	2.1846914
4	0.6020600	54	1.7323938	104	2.0170333	154	2.1875207
5	0.6989700	55	1.7403627	105	2.0211893	155	2.1903317
6	0.7781512	56	1.7481880	106	2.0253059	156	2.1931246
7	0.8450980	57	1.7558748	107	2.0293838	157	2.1958996
8	0.9030900	58	1.7634280	108	2.0334238	158	2.1986571
9	0.9542425	59	1.7708520	109	2.0374265	159	2.2013971
10	1.0000000	60	1.7781512	110	2.0413927	160	2.2041200
11	1.0413927	61	1.7853298	111	2.0453230	161	2.2068259
12	1.0791812	62	1.7923917	112	2.0492180	162	2.2095150
13	1.1139433	63	1.7993405	113	2.0530784	163	2.2121876
14	1.1461280	64	1.8061800	114	2.0569048	164	2.2148438
15	1.1760913	65	1.8129133	115	2.0606978	165	2.2174839
16	1.2041200	66	1.8195439	116	2.0644580	166	2.2201081
17	1.2304489	67	1.8260748	117	2.0681860	167	2.2227165
18	1.2552725	68	1.8325089	118	2.0718820	168	2.2253093
19	1.2787536	69	1.8388491	119	2.0755470	169	2.2278867
20	1.3010300	70	1.8450980	120	2.0791812	170	2.2304489
21	1.3222193	71	1.8512583	121	2.0827854	171	2.2329961
22	1.3424227	72	1.8573325	122	2.0863598	172	2.2355284
23	1.3617278	73	1.8633229	123	2.0899051	173	2.2380461
24	1.3802112	74	1.8692317	124	2.0934217	174	2.2405492
25	1.3979400	75	1.8750613	125	2.0969100	175	2.2430380
26	1.4149733	76	1.8808136	126	2.1003705	176	2.2455127
27	1.4313638	77	1.8864907	127	2.1038037	177	2.2479733
28	1.4471580	78	1.8920946	128	2.1072100	178	2.2504200
29	1.4623980	79	1.8976271	129	2.1105897	179	2.2528530
30	1.4771212	80	1.9030900	130	2.1139433	180	2.2552725
31	1.4913617	81	1.9084850	131	2.1172713	181	2.2576786
32	1.5051560	82	1.9138138	132	2.1205739	182	2.2600714
33	1.5185139	83	1.9190781	133	2.1238516	183	2.2624511
34	1.5314789	84	1.9242793	134	2.1271048	184	2.2648178
35	1.5440680	85	1.9294189	135	2.1303338	185	2.2671717
36	1.5563025	86	1.9344984	136	2.1335389	186	2.2695129
37	1.5682017	87	1.9395192	137	2.1367206	187	2.2718416
38	1.5797836	88	1.9444827	138	2.1398791	188	2.2741578
39	1.5910646	89	1.9493900	139	2.1430148	189	2.2764618
40	1.6020600	90	1.9542425	140	2.1461280	190	2.2787536
41	1.6127839	91	1.9590414	141	2.1492191	191	2.2810334
42	1.6232493	92	1.9637878	142	2.1522883	192	2.2833012
43	1.6334685	93	1.9684829	143	2.1553360	193	2.2855573
44	1.6434527	94	1.9731278	144	2.1583625	194	2.2878017
45	1.6532125	95	1.9777236	145	2.1613680	195	2.2900346
46	1.6627578	96	1.9822712	146	2.1643528	196	2.2922561
47	1.6720979	97	1.9867717	147	2.1673173	197	2.2944662
48	1.6812412	98	1.9912261	148	2.1702617	198	2.2966653
49	1.6901961	99	1.9956352	149	2.1731863	199	2.2988531
50	1.6989700	100	2.0000000	150	2.1760913	200	2.3010300

Num	Logarith.	Num	Logarith.	Num	Logarith.	Num	Logarith.
200	2.3010300	250	2.3979400	300	2.4771212	350	2.5440680
201	2.3031961	251	2.3996737	301	2.4785665	351	2.5453071
202	2.3053514	252	2.4014005	302	2.4800069	352	2.5465427
203	2.3074960	253	2.4031205	303	2.4814426	353	2.5477747
204	2.3096301	254	2.4048337	304	2.4828736	354	2.5490033
205	2.3117539	255	2.4065402	305	2.4842998	355	2.5502283
206	2.3138672	256	2.4082400	306	2.4857214	356	2.5514500
207	2.3159703	257	2.4099331	307	2.4871384	357	2.5526682
208	2.3180633	258	2.4116197	308	2.4885507	358	2.5538830
209	2.3201463	259	2.4132998	309	2.4899585	359	2.5550944
210	2.3222192	260	2.4149733	310	2.4913617	360	2.5563025
211	2.3242824	261	2.4166405	311	2.4927604	361	2.5575072
212	2.3263359	262	2.4183013	312	2.4941546	362	2.5587086
213	2.3283796	263	2.4199557	313	2.4955443	363	2.5599065
214	2.3304138	264	2.4216039	314	2.4969296	364	2.5611014
215	2.3324385	265	2.4232459	315	2.4983105	365	2.5622929
216	2.3344537	266	2.4248816	316	2.4996871	366	2.5634811
217	2.3364597	267	2.4265113	317	2.5010593	367	2.5646661
218	2.3384565	268	2.4281348	318	2.5024271	368	2.5658478
219	2.3404441	269	2.4297523	319	2.5037907	369	2.5670264
220	2.3424227	270	2.4313638	320	2.5051500	370	2.5682017
221	2.3443923	271	2.4329693	321	2.5065050	371	2.5693739
222	2.3463530	272	2.4345689	322	2.5078559	372	2.5705429
223	2.3483049	273	2.4361626	323	2.5092025	373	2.5717088
224	2.3502480	274	2.4377506	324	2.5105450	374	2.5728716
225	2.3521825	275	2.4393327	325	2.5118834	375	2.5740313
226	2.3541084	276	2.4409091	326	2.5132176	376	2.5751878
227	2.3560259	277	2.4424798	327	2.5145477	377	2.5763413
228	2.3579348	278	2.4440448	328	2.5158738	378	2.5774918
229	2.3598355	279	2.4456042	329	2.5171959	379	2.5786392
230	2.3617278	280	2.4471580	330	2.5185139	380	2.5797836
231	2.3636120	281	2.4487063	331	2.5198280	381	2.5809250
232	2.3654880	282	2.4502491	332	2.5211381	382	2.5820634
233	2.3673559	283	2.4517864	333	2.5224442	383	2.5831988
234	2.3692159	284	2.4533183	334	2.5237465	384	2.5843312
235	2.3710679	285	2.4548449	335	2.5250448	385	2.5854607
236	2.3729120	286	2.4563660	336	2.5263393	386	2.5865873
237	2.3747483	287	2.4578819	337	2.5276299	387	2.5877110
238	2.3765770	288	2.4593925	338	2.5289167	388	2.5888317
239	2.3783979	289	2.4608978	339	2.5301997	389	2.5899496
240	2.3802112	290	2.4623980	340	2.5314789	390	2.5910646
241	2.3820170	291	2.4638930	341	2.5327544	391	2.5921768
242	2.3838154	292	2.4653828	342	2.5340261	392	2.5932861
243	2.3856063	293	2.4668676	343	2.5352941	393	2.5943925
244	2.3873898	294	2.4683473	344	2.5365584	394	2.5954962
245	2.3891661	295	2.4698220	345	2.5378191	395	2.5965971
246	2.3909351	296	2.4712917	346	2.5390761	396	2.5976952
247	2.3926969	297	2.4727564	347	2.5403295	397	2.5987905
248	2.3944517	298	2.4742163	348	2.5415792	398	2.5998831
249	2.3961993	299	2.4756712	349	2.5428254	399	2.6009729
250	2.3979400	300	2.4771212	350	2.5440680	400	2.6020600

Num	Logarith.	Num	Logarith.	Num	Logarith.	Num	Logarith.
400	2.6020600	450	2.6532125	500	2.6989700	550	2.7403627
401	2.6031444	451	2.6541765	501	2.6998377	551	2.7411516
402	2.6042260	452	2.6551384	502	2.7007037	552	2.7419391
403	2.6053050	453	2.6560982	503	2.7015680	553	2.7427251
404	2.6063814	454	2.6570558	504	2.7024305	554	2.7435098
405	2.6074550	455	2.6580114	505	2.7032914	555	2.7442930
406	2.6085260	456	2.6589648	506	2.7041505	556	2.7450748
407	2.6095944	457	2.6599162	507	2.7050080	557	2.7458552
408	2.6106602	458	2.6608655	508	2.7058637	558	2.7466342
409	2.6117233	459	2.6618127	509	2.7067178	559	2.7474118
410	2.6127839	460	2.6627578	510	2.7075702	560	2.7481880
411	2.6138418	461	2.6637009	511	2.7084209	561	2.7489629
412	2.6148972	462	2.6646420	512	2.7092700	562	2.7497363
413	2.6159500	463	2.6655810	513	2.7101174	563	2.7505084
414	2.6170003	464	2.6665180	514	2.7109631	564	2.7512791
415	2.6180481	465	2.6674529	515	2.7118072	565	2.7520484
416	2.6190933	466	2.6683859	516	2.7126497	566	2.7528164
417	2.6201360	467	2.6693169	517	2.7134905	567	2.7535831
418	2.6211763	468	2.6702458	518	2.7143298	568	2.7543483
419	2.6222140	469	2.6711728	519	2.7151674	569	2.7551123
420	2.6232493	470	2.6720979	520	2.7160035	570	2.7558748
421	2.6242821	471	2.6730209	521	2.7168377	571	2.7566361
422	2.6253124	472	2.6739420	522	2.7176705	572	2.7573960
423	2.6263404	473	2.6748611	523	2.7185017	573	2.7581546
424	2.6273659	474	2.6757783	524	2.7193313	574	2.7589119
425	2.6283889	475	2.6766936	525	2.7201593	575	2.7596678
426	2.6294096	476	2.6776069	526	2.7209857	576	2.7604225
427	2.6304279	477	2.6785184	527	2.7218106	577	2.7611758
428	2.6314438	478	2.6794279	528	2.7226339	578	2.7619278
429	2.6324573	479	2.6803355	529	2.7234557	579	2.7626786
430	2.6334685	480	2.6812412	530	2.7242759	580	2.7634280
431	2.6344773	481	2.6821451	531	2.7250945	581	2.7641761
432	2.6354837	482	2.6830470	532	2.7259116	582	2.7649230
433	2.6364879	483	2.6839471	533	2.7267272	583	2.7656685
434	2.6374897	484	2.6848454	534	2.7275413	584	2.7664128
435	2.6384893	485	2.6857417	535	2.7283538	585	2.7671559
436	2.6394865	486	2.6866363	536	2.7291648	586	2.7678976
437	2.6404814	487	2.6875290	537	2.7299743	587	2.7686381
438	2.6414741	488	2.6884198	538	2.7307823	588	2.7693773
439	2.6424645	489	2.6893089	539	2.7315888	589	2.7701153
440	2.6434527	490	2.6901961	540	2.7323938	590	2.7708520
441	2.6444386	491	2.6910815	541	2.7331973	591	2.7715875
442	2.6454223	492	2.6919651	542	2.7339993	592	2.7723217
443	2.6464037	493	2.6928469	543	2.7347998	593	2.7730547
444	2.6473830	494	2.6937269	544	2.7355989	594	2.7737864
445	2.6483600	495	2.6946052	545	2.7363965	595	2.7745170
446	2.6493349	496	2.6954817	546	2.7371926	596	2.7752463
447	2.6503075	497	2.6963564	547	2.7379873	597	2.7759743
448	2.6512780	498	2.6972293	548	2.7387806	598	2.7767012
449	2.6522463	499	2.6981005	549	2.7395723	599	2.7774268
450	2.6532125	500	2.6989700	550	2.7403627	600	2.7781512

Num	Logarith.	Num	Logarith.	Num	Logarith.	Num	Logarith.
600	2.7781512	650	2.8129134	700	2.8450980	750	2.8750613
601	2.7788745	651	2.8135810	701	2.8457180	751	2.8756399
602	2.7795965	652	2.8142476	702	2.8463371	752	2.8762178
603	2.7803173	653	2.8149132	703	2.8469553	753	2.8767950
604	2.7810369	654	2.8155777	704	2.8475727	754	2.8773713
605	2.7817554	655	2.8162413	705	2.8481891	755	2.8779469
606	2.7824729	656	2.8169038	706	2.8488047	756	2.8785218
607	2.7831887	657	2.8175654	707	2.8494194	757	2.8790959
608	2.7839036	658	2.8182255	708	2.8500333	758	2.8796693
609	2.7846173	659	2.8188854	709	2.8506462	759	2.8802418
610	2.7853298	660	2.8195439	710	2.8512583	760	2.8808136
611	2.7860412	661	2.8202015	711	2.8518696	761	2.8813847
612	2.7867514	662	2.8208580	712	2.8524800	762	2.8819550
613	2.7874605	663	2.8215135	713	2.8530895	763	2.8825245
614	2.7881684	664	2.8221681	714	2.8536982	764	2.8830934
615	2.7888751	665	2.8228216	715	2.8543060	765	2.8836614
616	2.7895807	666	2.8234742	716	2.8549130	766	2.8842288
617	2.7902852	667	2.8241258	717	2.8555191	767	2.8847954
618	2.7909885	668	2.8247765	718	2.8561244	768	2.8853612
619	2.7916906	669	2.8254261	719	2.8567289	769	2.8859263
620	2.7923917	670	2.8260748	720	2.8573325	770	2.8864907
621	2.7930916	671	2.8267225	721	2.8579353	771	2.8870544
622	2.7937904	672	2.8273693	722	2.8585372	772	2.8876173
623	2.7944880	673	2.8280151	723	2.8591383	773	2.8881795
624	2.7951846	674	2.8286599	724	2.8597386	774	2.8887410
625	2.7958800	675	2.8293038	725	2.8603380	775	2.8893017
626	2.7965744	676	2.8299467	726	2.8609366	776	2.8898617
627	2.7972675	677	2.8305887	727	2.8615344	777	2.8904210
628	2.7979596	678	2.8312297	728	2.8621314	778	2.8909796
629	2.7986506	679	2.8318698	729	2.8627275	779	2.8915375
630	2.7993405	680	2.8325089	730	2.8633229	780	2.8920946
631	2.8000294	681	2.8331471	731	2.8639174	781	2.8926510
632	2.8007171	682	2.8337844	732	2.8645111	782	2.8932067
633	2.8014037	683	2.8344207	733	2.8651040	783	2.8937618
634	2.8020893	684	2.8350561	734	2.8656961	784	2.8943161
635	2.8027737	685	2.8356906	735	2.8662873	785	2.8948696
636	2.8034571	686	2.8363241	736	2.8668778	786	2.8954225
637	2.8041394	687	2.8369567	737	2.8674675	787	2.8959747
638	2.8048207	688	2.8375884	738	2.8680564	788	2.8965262
639	2.8055009	689	2.8382192	739	2.8686444	789	2.8970770
640	2.8061800	690	2.8388491	740	2.8692317	790	2.8976271
641	2.8068580	691	2.8394780	741	2.8698182	791	2.8981765
642	2.8075350	692	2.8401063	742	2.8704039	792	2.8987252
643	2.8082110	693	2.8407332	743	2.8709888	793	2.8992732
644	2.8088859	694	2.8413595	744	2.8715729	794	2.8998205
645	2.8095597	695	2.8419848	745	2.8721563	795	2.9003671
646	2.8102325	696	2.8426092	746	2.8727388	796	2.9009131
647	2.8109043	697	2.8432328	747	2.8733206	797	2.9014583
648	2.8115750	698	2.8438554	748	2.8739016	798	2.9020029
649	2.8122447	699	2.8444772	749	2.8744818	799	2.9025468
650	2.8129134	700	2.8450980	750	2.8750613	800	2.9030900

Num	Logarith.	Num.	Logarith.	Num	Logarith.	Num	Logarith.
800	2.9030900	850	2.9294189	900	2.9542425	950	2.9777236
801	2.9036325	851	2.9299296	901	2.9547248	951	2.9781805
802	2.9041744	852	2.9304396	902	2.9552065	952	2.9786369
803	2.9047155	853	2.9309490	903	2.9556877	953	2.9790929
804	2.9052560	854	2.9314579	904	2.9561684	954	2.9795484
805	2.9057959	855	2.9319661	905	2.9566486	955	2.9800034
806	2.9063350	856	2.9324738	906	2.9571282	956	2.9804579
807	2.9068735	857	2.9329808	907	2.9576073	957	2.9809119
808	2.9074114	858	2.9334873	908	2.9580858	958	2.9813655
809	2.9079485	859	2.9339932	909	2.9585639	959	2.9818186
810	2.9084850	860	2.9344984	910	2.9590414	960	2.9822712
811	2.9090208	861	2.9350031	911	2.9595184	961	2.9827234
812	2.9095560	862	2.9355073	912	2.9599948	962	2.9831751
813	2.9100905	863	2.9360108	913	2.9604708	963	2.9836263
814	2.9106244	864	2.9365137	914	2.9609462	964	2.9840770
815	2.9111576	865	2.9370161	915	2.9614211	965	2.9845273
816	2.9116901	866	2.9375179	916	2.9618955	966	2.9849771
817	2.9122220	867	2.9380191	917	2.9623693	967	2.9854265
818	2.9127533	868	2.9385197	918	2.9628427	968	2.9858753
819	2.9132839	869	2.9390198	919	2.9633155	969	2.9863238
820	2.9138138	870	2.9395192	920	2.9637878	970	2.9867717
821	2.9143431	871	2.9400181	921	2.9642596	971	2.9872192
822	2.9148718	872	2.9405165	922	2.9647309	972	2.9876663
823	2.9153998	873	2.9410142	923	2.9652017	973	2.9881128
824	2.9159272	874	2.9415114	924	2.9656720	974	2.9885589
825	2.9164539	875	2.9420080	925	2.9661417	975	2.9890046
826	2.9169800	876	2.9425041	926	2.9666110	976	2.9894498
827	2.9175055	877	2.9429996	927	2.9670797	977	2.9898946
828	2.9180303	878	2.9434945	928	2.9675480	978	2.9903388
829	2.9185545	879	2.9439889	929	2.9680157	979	2.9907827
830	2.9190781	880	2.9444827	930	2.9684829	980	2.9912261
831	2.9196010	881	2.9449759	931	2.9689497	981	2.9916690
832	2.9201233	882	2.9454686	932	2.9694159	982	2.9921115
833	2.9206450	883	2.9459607	933	2.9698816	983	2.9925535
834	2.9211660	884	2.9464523	934	2.9703469	984	2.9929951
835	2.9216865	885	2.9469433	935	2.9708116	985	2.9934362
836	2.9222063	886	2.9474337	936	2.9712758	986	2.9938769
837	2.9227254	887	2.9479236	937	2.9717396	987	2.9943171
838	2.9232440	888	2.9484130	938	2.9722028	988	2.9947569
839	2.9237620	889	2.9489018	939	2.9726656	989	2.9951963
840	2.9242793	890	2.9493900	940	2.9731278	990	2.9956352
841	2.9247960	891	2.9498777	941	2.9735896	991	2.9960736
842	2.9253121	892	2.9503648	942	2.9740509	992	2.9965117
843	2.9258276	893	2.9508514	943	2.9745117	993	2.9969492
844	2.9263424	894	2.9513375	944	2.9749720	994	2.9973864
845	2.9268567	895	2.9518230	945	2.9754318	995	2.9978231
846	2.9273704	896	2.9523080	946	2.9758911	996	2.9982593
847	2.9278834	897	2.9527924	947	2.9763500	997	2.9986951
848	2.9283958	898	2.9532763	948	2.9768083	998	2.9991305
849	2.9289077	899	2.9537597	949	2.9772662	999	2.9995655
850	2.9294189	900	2.9542425	950	2.9777236	1000	3.0000000

Num.	Logarith.	Num.	Logarith.	Num.	Logarith.	Num.	Logarith.
1000	3.0000000	1050	3.0211893	1100	3.0413927	1150	3.0601978
1001	3.0004341	1051	3.0216027	1101	3.0417673	1151	3.0610753
1002	3.0008677	1052	3.0220157	1102	3.0421816	1152	3.0614525
1003	3.0013009	1053	3.0224284	1103	3.0425755	1153	3.0618293
1004	3.0017337	1054	3.0228406	1104	3.0429691	1154	3.0622058
1005	3.0021661	1055	3.0232524	1105	3.0433623	1155	3.0625820
1006	3.0025980	1056	3.0236639	1106	3.0437551	1156	3.0629578
1007	3.0030295	1057	3.0240750	1107	3.0441476	1157	3.0633334
1008	3.0034605	1058	3.0244857	1108	3.0445398	1158	3.0637085
1009	3.0038912	1059	3.0248960	1109	3.0449315	1159	3.0640834
1010	3.0043214	1060	3.0253059	1110	3.0453230	1160	3.0644580
1011	3.0047511	1061	3.0257154	1111	3.0457140	1161	3.0648322
1012	3.0051805	1062	3.0261245	1112	3.0461048	1162	3.0652061
1013	3.0056094	1063	3.0265333	1113	3.0464952	1163	3.0655797
1014	3.0060379	1064	3.0269416	1114	3.0468852	1164	3.0659530
1015	3.0064660	1065	3.0273496	1115	3.0472749	1165	3.0663259
1016	3.0068937	1066	3.0277572	1116	3.0476642	1166	3.0666985
1017	3.0073209	1067	3.0281644	1117	3.0480532	1167	3.0670708
1018	3.0077478	1068	3.0285712	1118	3.0484418	1168	3.0674428
1019	3.0081742	1069	3.0289777	1119	3.0488301	1169	3.0678145
1020	3.0086002	1070	3.0293838	1120	3.0492180	1170	3.0681859
1021	3.0090257	1071	3.0297895	1121	3.0496056	1171	3.0685569
1022	3.0094509	1072	3.0301948	1122	3.0499928	1172	3.0689276
1023	3.0098756	1073	3.0305997	1123	3.0503797	1173	3.0692980
1024	3.0102999	1074	3.0310043	1124	3.0507663	1174	3.0696681
1025	3.0107239	1075	3.0314085	1125	3.0511525	1175	3.0700379
1026	3.0111474	1076	3.0318123	1126	3.0515384	2176	3.0704073
1027	3.0115704	1077	3.0322157	1127	3.0519239	1177	3.0707765
1028	3.0119931	1078	3.0326188	1128	3.0523091	1178	3.0711453
1029	3.0124154	1079	3.0330214	1129	3.0526939	1179	3.0715138
1030	3.0128372	1080	3.0334237	1130	3.0530784	1180	3.0718820
1031	3.0132587	1081	3.0338257	1131	3.0534626	1181	3.0722499
1032	3.0136797	1082	3.0342273	1132	3.0538464	1182	3.0726175
1033	3.0141003	1083	3.0346284	1133	3.0542299	1183	3.0729847
1034	3.0145205	1084	3.0350293	1134	3.0546130	1184	3.0733517
1035	3.0149403	1085	3.0354297	1135	3.0549958	1185	3.0737183
1036	3.0153597	1086	3.0358298	1136	3.0553783	1186	3.0740847
1037	3.0157787	1087	3.0362295	1137	3.0557604	1187	3.0744507
1038	3.0161973	1088	3.0366289	1138	3.0561423	1188	3.0748164
1039	3.0166155	1089	3.0370279	1139	3.0565237	1189	3.0751818
1040	3.0170333	1090	3.0374265	1140	3.0569048	1190	3.0755470
1041	3.0174507	1091	3.0378247	1141	3.0572856	1191	3.0759118
1042	3.0178677	1092	3.0382226	1142	3.0576661	1192	3.0762762
1043	3.0182843	1093	3.0386201	1143	3.0580462	1193	3.0766404
1044	3.0187005	1094	3.0390173	1144	3.0584260	1194	3.0770043
1045	3.0191163	1095	3.0394141	1145	3.0588055	1195	3.0773679
1046	3.0195317	1096	3.0398105	1146	3.0591846	1196	3.0777312
1047	3.0199467	1097	3.0402066	1147	3.0595634	1197	3.0780941
1048	3.0203613	1098	3.0406023	1148	3.0599419	1198	3.0784568
1049	3.0207755	1099	3.0409977	1149	3.0603200	1199	3.0788192
1050	3.0211893	1100	3.0413927	1150	3.0606978	1200	3.0791812

Num	Logarith.	Num	Logarith.	Num	Logarith.	Num	Logarith.
1200	3.0791812	1250	3.0969100	1300	3.1139433	1350	3.1303338
1201	3.0795430	1251	3.0972573	1301	3.1142773	1351	3.1306553
1202	3.0799045	1252	3.0976043	1302	3.1146110	1352	3.1309767
1203	3.0802656	1253	3.0979511	1303	3.1149444	1353	3.1312978
1204	3.0806265	1254	3.0982975	1304	3.1152776	1354	3.1316187
1205	3.0809870	1255	3.0986437	1305	3.1156105	1355	3.1319393
1206	3.0813473	1256	3.0989896	1306	3.1159432	1356	3.1322597
1207	3.0817073	1257	3.0993353	1307	3.1162756	1357	3.1325798
1208	3.0820669	1258	3.0996806	1308	3.1166077	1358	3.1328998
1209	3.0824263	1259	3.1000257	1309	3.1169396	1359	3.1332195
1210	3.0827854	1260	3.1003705	1310	3.1172713	1360	3.1335389
1211	3.0831441	1261	3.1007151	1311	3.1176027	1361	3.1338581
1212	3.0835026	1262	3.1010593	1312	3.1179338	1362	3.1341771
1213	3.0838608	1263	3.1014033	1313	3.1182647	1363	3.1344958
1214	3.0842187	1264	3.1017471	1314	3.1185954	1364	3.1348144
1215	3.0845763	1265	3.1020905	1315	3.1189257	1365	3.1351326
1216	3.0849336	1266	3.1024337	1316	3.1192559	1366	3.1354507
1217	3.0852906	1267	3.1027766	1317	3.1195858	1367	3.1357685
1218	3.0856473	1268	3.1031192	1318	3.1199154	1368	3.1360861
1219	3.0860037	1269	3.1034616	1319	3.1202448	1369	3.1364034
1220	3.0863598	1270	3.1038037	1320	3.1205739	1370	3.1367206
1221	3.0867156	1271	3.1041455	1321	3.1209028	1371	3.1370374
1222	3.0870712	1272	3.1044871	1322	3.1212314	1372	3.1373541
1223	3.0874264	1273	3.1048284	1323	3.1215598	1373	3.1376705
1224	3.0877814	1274	3.1051694	1324	3.1218880	1374	3.1379867
1225	3.0881361	1275	3.1055102	1325	3.1222159	1375	3.1383027
1226	3.0884905	1276	3.1058507	1326	3.1225435	1376	3.1386184
1227	3.0888446	1277	3.1061909	1327	3.1228709	1377	3.1389339
1228	3.0891984	1278	3.1065308	1328	3.1231981	1378	3.1392492
1229	3.0895519	1279	3.1068705	1329	3.1235250	1379	3.1395643
1230	3.0899051	1280	3.1072100	1330	3.1238516	1380	3.1398791
1231	3.0902580	1281	3.1075491	1331	3.1241780	1381	3.1401937
1232	3.0906107	1282	3.1078880	1332	3.1245042	1382	3.1405080
1233	3.0909631	1283	3.1082266	1333	3.1248301	1383	3.1408222
1234	3.0913151	1284	3.1085650	1334	3.1251558	1384	3.1411361
1235	3.0916669	1285	3.1089031	1335	3.1254813	1385	3.1414498
1236	3.0920185	1286	3.1092410	1336	3.1258064	1386	3.1417632
1237	3.0923697	1287	3.1095785	1337	3.1261314	1387	3.1420765
1238	3.0927206	1288	3.1099159	1338	3.1264561	1388	3.1423895
1239	3.0930713	1289	3.1102529	1339	3.1267806	1389	3.1427022
1240	3.0934217	1290	3.1105897	1340	3.1271048	1390	3.1430148
1241	3.0937718	1291	3.1109262	1341	3.1274288	1391	3.1433271
1242	3.0941216	1292	3.1112625	1342	3.1277525	1392	3.1436392
1243	3.0944711	1293	3.1115985	1343	3.1280760	1393	3.1439511
1244	3.0948204	1294	3.1119343	1344	3.1283993	1394	3.1442628
1245	3.0951693	1295	3.1122698	1345	3.1287223	1395	3.1445742
1246	3.0955180	1296	3.1126050	1346	3.1290450	1396	3.1448854
1247	3.0958664	1297	3.1129400	1347	3.1293676	1397	3.1451964
1248	3.0962146	1298	3.1132747	1348	3.1296899	1398	3.1455072
1249	3.0965624	1299	3.1136091	1349	3.1300119	1399	3.1458177
1250	3.0969100	1300	3.1139433	1350	3.1303338	1400	3.1461280

Num	Logarith.	Num	Logarith.	Num	Logarith.	Num	Logarith.
1400	3.1461280	1450	3.1613680	1500	3.1760913	1550	3.1903317
1401	3.1464381	1451	3.1616674	1501	3.1763807	1551	3.1906118
1402	3.1467480	1452	3.1619666	1502	3.1766699	1552	3.1908917
1403	3.1470577	1453	3.1622656	1503	3.1769590	1553	3.1911714
1404	3.1473671	1454	3.1625644	1504	3.1772478	1554	3.1914510
1405	3.1476763	1455	3.1628630	1505	3.1775365	1555	3.1917304
1406	3.1479853	1456	3.1631614	1506	3.1778250	1556	3.1920096
1407	3.1482941	1457	3.1634595	1507	3.1781132	1557	3.1922886
1408	3.1486026	1458	3.1637575	1508	3.1784013	1558	3.1925674
1409	3.1489110	1459	3.1640553	1509	3.1786892	1559	3.1928461
1410	3.1492191	1460	3.1643528	1510	3.1789769	1560	3.1931246
1411	3.1495270	1461	3.1646502	1511	3.1792645	1561	3.1934029
1412	3.1498347	1462	3.1649474	1512	3.1795518	1562	3.1936810
1413	3.1501422	1463	3.1652443	1513	3.1798389	1563	3.1939590
1414	3.1504494	1464	3.1655411	1514	3.1801259	1564	3.1942367
1415	3.1507564	1465	3.1658376	1515	3.1804126	1565	3.1945143
1416	3.1510632	1466	3.1661340	1516	3.1806992	1566	3.1947917
1417	3.1513698	1467	3.1664301	1517	3.1809856	1567	3.1950690
1418	3.1516762	1468	3.1667260	1518	3.1812718	1568	3.1953460
1419	3.1519824	1469	3.1670218	1519	3.1815578	1569	3.1956229
1420	3.1522883	1470	3.1673173	1520	3.1818436	1570	3.1958996
1421	3.1525941	1471	3.1676127	1521	3.1821292	1571	3.1961762
1422	3.1528996	1472	3.1679078	1522	3.1824146	1572	3.1964525
1423	3.1532049	1473	3.1682027	1523	3.1826999	1573	3.1967287
1424	3.1535100	1474	3.1684975	1524	3.1829850	1574	3.1970047
1425	3.1538149	1475	3.1687920	1525	3.1832698	1575	3.1972806
1426	3.1541195	1476	3.1690863	1526	3.1835545	1576	3.1975562
1427	3.1544240	1477	3.1693805	1527	3.1838390	1577	3.1978317
1428	3.1547282	1478	3.1696744	1528	3.1841233	1578	3.1981070
1429	3.1550322	1479	3.1699682	1529	3.1844075	1579	3.1983821
1430	3.1553360	1480	3.1702617	1530	3.1846914	1580	3.1986571
1431	3.1556396	1481	3.1705550	1531	3.1849752	1581	3.1989319
1432	3.1559430	1482	3.1708482	1532	3.1852588	1582	3.1992065
1433	3.1562462	1483	3.1711411	1533	3.1855421	1583	3.1994809
1434	3.1565491	1484	3.1714339	1534	3.1858253	1584	3.1997552
1435	3.1568519	1485	3.1717264	1535	3.1861084	1585	3.2000293
1436	3.1571544	1486	3.1720188	1536	3.1863912	1586	3.2003032
1437	3.1574568	1487	3.1723110	1537	3.1866739	1587	3.2005769
1438	3.1577589	1488	3.1726029	1538	3.1869563	1588	3.2008505
1439	3.1580608	1489	3.1728947	1539	3.1872386	1589	3.2011239
1440	3.1583625	1490	3.1731863	1540	3.1875207	1590	3.2013971
1441	3.1586640	1491	3.1734776	1541	3.1878026	1591	3.2016702
1442	3.1589653	1492	3.1737688	1542	3.1880844	1592	3.2019431
1443	3.1592663	1493	3.1740598	1543	3.1883659	1593	3.2022158
1444	3.1595672	1494	3.1743506	1544	3.1886473	1594	3.2024883
1445	3.1598678	1495	3.1746412	1545	3.1889285	1595	3.2027607
1446	3.1601683	1496	3.1749316	1546	3.1892095	1596	3.2030329
1447	3.1604685	1497	3.1752218	1547	3.1894903	1597	3.2033050
1448	3.1607686	1498	3.1755118	1548	3.1897709	1598	3.2035768
1449	3.1610684	1499	3.1758016	1549	3.1900514	1599	3.2038485
1450	3.1613680	1500	3.1760913	1550	3.1903317	1600	3.2041200

Num	Logarith.	Num	Logarith.	Num	Logarith.	Num	Logarith.
1600	3.2041200	1650	3.2174839	1700	3.2304489	1750	3.2430380
1601	3.2043913	1651	3.2177471	1701	3.2307043	1751	3.2432861
1602	3.2046625	1652	3.2180100	1702	3.2309596	1752	3.2435341
1603	3.2049335	1653	3.2182728	1703	3.2312146	1753	3.2437819
1604	3.2052044	1654	3.2185355	1704	3.2314696	1754	3.2440296
1605	3.2054750	1655	3.2187980	1705	3.2317244	1755	3.2442771
1606	3.2057455	1656	3.2190603	1706	3.2319790	1756	3.2445245
1607	3.2060159	1657	3.2193225	1707	3.2322335	1757	3.2447718
1608	3.2062860	1658	3.2195845	1708	3.2324879	1758	3.2450189
160	3.2065560	1659	3.2198464	1709	3.2327421	175	3.2452658
161	3.2068260	1660	3.2201081	1710	3.2329961	176	3.2455127
1611	3.2070955	1661	3.2203696	1711	3.2332500	1761	3.2457594
1612	3.2073650	1662	3.2206310	1712	3.2335038	176	3.2460059
1613	3.2076344	1663	3.2208922	1713	3.2337574	1763	3.2462523
1614	3.2079035	1664	3.2211533	1714	3.2340108	1764	3.2464986
1615	3.2081725	1665	3.2214142	1715	3.2342641	1765	3.2467447
1616	3.2084414	1666	3.2216750	1716	3.2345173	1766	3.2469907
1617	3.2087100	1667	3.2219356	1717	3.2347703	1767	3.2462365
1618	3.2089785	1668	3.2221960	1718	3.2350232	1768	3.2474823
1619	3.2092468	1669	3.2224563	1719	3.2352760	1769	3.2477278
1620	3.2095150	1670	3.2227165	1720	3.2355284	1770	3.2479733
1621	3.2097830	1671	3.2229764	1721	3.2357807	1771	3.2482186
1622	3.2100508	1672	3.2232363	1722	3.2360331	1772	3.2484637
162	3.2103185	1673	3.2234960	1723	3.2362853	1773	3.2487087
1624	3.2105860	1674	3.2237555	1724	3.2365373	1774	3.2489536
1625	3.2108534	1675	3.2240148	1725	3.2367891	1775	3.2491984
1626	3.2111205	1676	3.2242740	1726	3.2370408	1776	3.2494430
1627	3.2113876	1677	3.2245331	1727	3.2372923	1777	3.2496874
1628	3.2116544	1678	3.2247920	1728	3.2375437	1778	3.2499318
1629	3.2119211	1679	3.2250507	1729	3.2377950	1779	3.2501760
1630	3.2121876	1680	3.2253093	1730	3.2380461	1780	3.2504200
1631	3.2124540	1681	3.2255677	1731	3.2382971	1781	3.2506639
1632	3.2127201	1682	3.2258260	1732	3.2385479	1782	3.2509077
1633	3.2129862	1683	3.2260841	1733	3.2387986	1783	3.2511513
1634	3.2132521	1684	3.2263421	1734	3.2390491	1784	3.2513948
1635	3.2135178	1685	3.2265999	1735	3.2392995	1785	3.2516382
1636	3.2137833	1686	3.2268576	1736	3.2395497	1786	3.2518815
1637	3.2140487	1687	3.2271151	1737	3.2397998	1787	3.2521246
1638	3.2143139	1688	3.2273724	1738	3.2400498	1788	3.2523675
1639	3.2145789	1689	3.2276296	1739	3.2402996	1789	3.2526103
1640	3.2148438	1690	3.2278867	1740	3.2405492	1790	3.2528530
1641	3.2151086	1691	3.2281436	1741	3.2407988	1791	3.2530956
1642	3.2153732	1692	3.2284004	1742	3.2410481	1792	3.2533380
1643	3.2156376	1693	3.2286570	1743	3.2412974	1793	3.2535803
1644	3.2159018	1694	3.2289134	1744	3.2415465	1794	3.2538224
1645	3.2161660	1695	3.2291697	1745	3.2417954	1795	3.2540645
1646	3.2164298	1696	3.2294258	1746	3.2420442	1796	3.2543063
1647	3.2166936	1697	3.2296818	1747	3.2422929	1797	3.2545481
1648	3.2169572	1698	3.2299377	1748	3.2425414	1798	3.2547897
1649	3.2172206	1699	3.2301934	1749	3.2427898	1799	3.2550312
1650	3.2174839	1700	3.2304489	1750	3.2430380	1800	3.2552725

Num	Logarith	Num	Logarith	Num	Logarith	Num	Logarith
1800	3.2552725	1850	3.2671717	1900	3.2787536	1950	3.2900346
1801	3.2555137	1851	3.2674004	1901	3.2789821	1951	3.2902573
1802	3.2557548	1852	3.2676290	1902	3.2792105	1952	3.2904798
1803	3.2559957	1853	3.2678574	1903	3.2794388	1953	3.2907022
1804	3.2562365	1854	3.2680857	1904	3.2796669	1954	3.2909246
1805	3.2564772	1855	3.2683139	1905	3.2798950	1955	3.2911468
1806	3.2567177	1856	3.2685420	1906	3.2801229	1956	3.2913688
1807	3.2569582	1857	3.2687699	1907	3.2803507	1957	3.2915908
1808	3.2571984	1858	3.2689977	1908	3.2805784	1958	3.2918127
1809	3.2574386	1859	3.2692254	1909	3.2808059	1959	3.2920344
1810	3.2576786	1860	3.2694529	1910	3.2810334	1960	3.2922561
1811	3.2579184	1861	3.2696804	1911	3.2812607	1961	3.2924776
1812	3.2581582	1862	3.2699077	1912	3.2814879	1962	3.2926990
1813	3.2583978	1863	3.2701349	1913	3.2817150	1963	3.2929203
1814	3.2586373	1864	3.2703619	1914	3.2819419	1964	3.2931415
1815	3.2588765	1865	3.2705888	1915	3.2821688	1965	3.2933626
1816	3.2591156	1866	3.2708156	1916	3.2823955	1966	3.2935835
1817	3.2593546	1867	3.2710423	1917	3.2826221	1967	3.2938044
1818	3.2595933	1868	3.2712689	1918	3.2828486	1968	3.2940251
1819	3.2598319	1869	3.2714953	1919	3.2830750	1969	3.2942457
1820	3.2600704	1870	3.2717216	1920	3.2833012	1970	3.2944662
1821	3.2603089	1871	3.2719478	1921	3.2835274	1971	3.2946866
1822	3.2605472	1872	3.2721738	1922	3.2837534	1972	3.2949069
1823	3.2607853	1873	3.2723998	1923	3.2839793	1973	3.2951271
1824	3.2610233	1874	3.2726256	1924	3.2842051	1974	3.2953471
1825	3.2612612	1875	3.2728513	1925	3.2844307	1975	3.2955671
1826	3.2614990	1876	3.2730770	1926	3.2846563	1976	3.2957869
1827	3.2617365	1877	3.2733025	1927	3.2848817	1977	3.2960067
1828	3.2619742	1878	3.2735280	1928	3.2851070	1978	3.2962263
1829	3.2622117	1879	3.2737534	1929	3.2853322	1979	3.2964458
1830	3.2624491	1880	3.2739787	1930	3.2855573	1980	3.2966652
1831	3.2626863	1881	3.2742038	1931	3.2857823	1981	3.2968845
1832	3.2629235	1882	3.2744290	1932	3.2860071	1982	3.2971036
1833	3.2631605	1883	3.2746539	1933	3.2862318	1983	3.2973227
1834	3.2633973	1884	3.2748789	1934	3.2864565	1984	3.2975417
1835	3.2636341	1885	3.2751037	1935	3.2866810	1985	3.2977605
1836	3.2638707	1886	3.2753284	1936	3.2869054	1986	3.2979792
1837	3.2641072	1887	3.2755529	1937	3.2871296	1987	3.2981979
1838	3.2643435	1888	3.2757774	1938	3.2873538	1988	3.2984164
1839	3.2645797	1889	3.2760020	1939	3.2875778	1989	3.2986348
1840	3.2648158	1890	3.2762263	1940	3.2878017	1990	3.2988531
1841	3.2650518	1891	3.2764505	1941	3.2880255	1991	3.2990713
1842	3.2652876	1892	3.2766747	1942	3.2882492	1992	3.2992893
1843	3.2655233	1893	3.2768987	1943	3.2884728	1993	3.2995073
1844	3.2657589	1894	3.2771226	1944	3.2886963	1994	3.2997251
1845	3.2659944	1895	3.2773465	1945	3.2889196	1995	3.2999429
1846	3.2662297	1896	3.2775702	1946	3.2891428	1996	3.3001605
1847	3.2664649	1897	3.2777938	1947	3.2893659	1997	3.3003781
1848	3.2667000	1898	3.2780172	1948	3.2895889	1998	3.3005955
1849	3.2669349	1899	3.2782406	1949	3.2898118	1999	3.3008128
1850	3.2671717	1900	3.2784639	1950	3.2900346	2000	3.3010300

Num.	Logarith.	Num.	Logarith.	Num.	Logarith.	Num.	Logarith.
2000	3·3·10300	2050	3·3117539	2100	3·3222193	2150	3·3324385
2001	3·3012471	2051	3·3119057	2101	3·3224260	2151	3·3326404
2002	3·3014641	2052	3·3121774	2102	3·3226327	2152	3·3328423
2003	3·3016809	2053	3·3123869	2103	3·3228393	2153	3·3330440
2004	3·3018977	2054	3·3126004	2104	3·3230457	2154	3·3332457
2005	3·3021144	2055	3·3128118	2105	3·3232521	2155	3·3334473
2006	3·3023309	2056	3·3130231	2106	3·3234584	2156	3·3336488
2007	3·3025474	2057	3·3132343	2107	3·3236645	2157	3·3338501
2008	3·3027637	2058	3·3134454	2108	3·3238706	2158	3·3340514
2009	3·3029799	2059	3·3136563	2109	3·3240766	2159	3·3342525
2010	3·3031961	2060	3·3138672	2110	3·3242825	2160	3·3344537
2011	3·3034121	2061	3·3140780	2111	3·3244882	2161	3·3346548
2012	3·3036280	2062	3·3142887	2112	3·3246939	2162	3·3348557
2013	3·3038438	2063	3·3144992	2113	3·3248995	2163	3·3350565
2014	3·3040595	2064	3·3147097	2114	3·3251050	2164	3·3352572
2015	3·3042751	2065	3·3149200	2115	3·3253104	2165	3·3354579
2016	3·3044905	2066	3·3151303	2116	3·3255157	2166	3·3356585
2017	3·3047059	2067	3·3153405	2117	3·3257209	2167	3·3358589
2018	3·3049212	2068	3·3155505	2118	3·3259260	2168	3·3360593
2019	3·3051363	2069	3·3157605	2119	3·3261310	2169	3·3362596
2020	3·3053514	2070	3·3159703	2120	3·3263359	2170	3·3364597
2021	3·3055663	2071	3·3161801	2121	3·3265407	2171	3·3366598
2022	3·3057812	2072	3·3163897	2122	3·3267454	2172	3·3368598
2023	3·3059959	2073	3·3165993	2123	3·3269500	2173	3·3370597
2024	3·3062105	2074	3·3168087	2124	3·3271545	2174	3·3372595
2025	3·3064250	2075	3·3170181	2125	3·3273589	2175	3·3374593
2026	3·3066394	2076	3·3172273	2126	3·3275633	2176	3·3376589
2027	3·3068537	2077	3·3174365	2127	3·3277675	2177	3·3378584
2028	3·3070679	2078	3·3176455	2128	3·3279716	2178	3·3380579
2029	3·3072820	2079	3·3178545	2129	3·3281757	2179	3·3382572
2030	3·3074960	2080	3·3180633	2130	3·3283796	2180	3·3384565
2031	3·3077099	2081	3·3182721	2131	3·3285834	2181	3·3386557
2032	3·3079237	2082	3·3184807	2132	3·3287872	2182	3·3388547
2033	3·3081374	2083	3·3186893	2133	3·3289909	2183	3·3390537
2034	3·3083509	2084	3·3188977	2134	3·3291944	2184	3·3392526
2035	3·3085644	2085	3·3191061	2135	3·3293979	2185	3·3394514
2036	3·3087778	2086	3·3193143	2136	3·3296012	2186	3·3396501
2037	3·3089910	2087	3·3195224	2137	3·3298045	2187	3·3398488
2038	3·3092042	2088	3·3197305	2138	3·3300077	2188	3·3400473
2039	3·3094172	2089	3·3199384	2139	3·3302108	2189	3·3402458
2040	3·3096302	2090	3·3201463	2140	3·3304138	2190	3·3404441
2041	3·3098430	2091	3·3203540	2141	3·3306167	2191	3·3406424
2042	3·3100557	2092	3·3205617	2142	3·3308195	2192	3·3408405
2043	3·3102684	2093	3·3207692	2143	3·3310222	2193	3·3410386
2044	3·3104809	2094	3·3209767	2144	3·3312248	2194	3·3412366
2045	3·3106933	2095	3·3211840	2145	3·3314273	2195	3·3414345
2046	3·3109056	2096	3·3213913	2146	3·3316297	2196	3·3416323
2047	3·3111178	2097	3·3215984	2147	3·3318321	2197	3·3418301
2048	3·3113299	2098	3·3218055	2148	3·3320343	2198	3·3420277
2049	3·3115420	2099	3·3220124	2149	3·3322364	2199	3·3422252
2050	3·3117539	2100	3·3222193	2150	3·3324385	2200	3·3424227

Num.	Logarith.	Num.	Logarith.	Num.	Logarith.	Num.	Logarith.
2200	3·3424227	2250	3·3521825	2300	3·3617278	2350	3·3710679
2201	3·3426200	2251	3·3523755	2301	3·3619166	2351	3·3712526
2202	3·3428173	2252	3·3525684	2302	3·3621053	2352	3·3714373
2203	3·3430145	2253	3·3527612	2303	3·3622939	2353	3·3716219
2204	3·3432116	2254	3·3529539	2304	3·3624825	2354	3·3718065
2205	3·3434086	2255	3·3531465	2305	3·3626709	2355	3·3719909
2206	3·3436055	2256	3·3533391	2306	3·3628593	2356	3·3721753
2207	3·3438023	2257	3·3535316	2307	3·3630476	2357	3·3723596
2208	3·3439991	2258	3·3537239	2308	3·3632358	2358	3·3725438
2209	3·3441957	2259	3·3539162	2309	3·3634239	2359	3·3727279
2210	3·3443923	2260	3·3541084	2310	3·3636120	2360	3·3729120
2211	3·3445887	2261	3·3543006	2311	3·3637999	2361	3·3730960
2212	3·3447851	2262	3·3544926	2312	3·3639878	2362	3·3732799
2213	3·3449814	2263	3·3546846	2313	3·3641756	2363	3·3734637
2214	3·3451776	2264	3·3548764	2314	3·3643633	2364	3·3736475
2215	3·3453737	2265	3·3550682	2315	3·3645510	2365	3·3738311
2216	3·3455698	2266	3·3552599	2316	3·3647386	2366	3·3740147
2217	3·3457657	2267	3·3554515	2317	3·3649260	2367	3·3741983
2218	3·3459615	2268	3·3556430	2318	3·3651134	2368	3·3743817
2219	3·3461573	2269	3·3558345	2319	3·3653007	2369	3·3745651
2220	3·3463530	2270	3·3560259	2320	3·3654880	2370	3·3747483
2221	3·3465486	2271	3·3562171	2321	3·3656751	2371	3·3749316
2222	3·3467441	2272	3·3564083	2322	3·3658622	2372	3·3751147
2223	3·3469395	2273	3·3565994	2323	3·3660492	2373	3·3752977
2224	3·3471348	2274	3·3567905	2324	3·3662361	2374	3·3754807
2225	3·3473300	2275	3·3569814	2325	3·3664230	2375	3·3756636
2226	3·3475252	2276	3·3571723	2326	3·3666097	2376	3·3758464
2227	3·3477202	2277	3·3573630	2327	3·3667964	2377	3·3760292
2228	3·3479152	2278	3·3575537	2328	3·3669830	2378	3·3762118
2229	3·3481101	2279	3·3577443	2329	3·3671695	2379	3·3763944
2230	3·3483049	2280	3·3579348	2330	3·3673559	2380	3·3765769
2231	3·3484996	2281	3·3581253	2331	3·3675423	2381	3·3767594
2232	3·3486942	2282	3·3583156	2332	3·3677285	2382	3·3769418
2233	3·3488887	2283	3·3585059	2333	3·3679147	2383	3·3771240
2234	3·3490832	2284	3·3586961	2334	3·3681008	2384	3·3773062
2235	3·3492775	2285	3·3588862	2335	3·3682869	2385	3·3774884
2236	3·3494718	2286	3·3590762	2336	3·3684728	2386	3·3776704
2237	3·3496660	2287	3·3592662	2337	3·3686587	2387	3·3778524
2238	3·3498601	2288	3·3594560	2338	3·3688445	2388	3·3780343
2239	3·3500541	2289	3·3596458	2339	3·3690302	2389	3·3782161
2240	3·3502480	2290	3·3598355	2340	3·3692159	2390	3·3783979
2241	3·3504419	2291	3·3600251	2341	3·3694014	2391	3·3785796
2242	3·3506356	2292	3·3602146	2342	3·3695869	2392	3·3787612
2243	3·3508293	2293	3·3604041	2343	3·3697723	2393	3·3789427
2244	3·3510228	2294	3·3605934	2344	3·3699576	2394	3·3791241
2245	3·3512163	2295	3·3607827	2345	3·3701428	2395	3·3793055
2246	3·3514098	2296	3·3609719	2346	3·3703280	2396	3·3794868
2247	3·3516031	2297	3·3611610	2347	3·3705131	2397	3·3796680
2248	3·3517963	2298	3·3613500	2348	3·3706981	2398	3·3798492
2249	3·3519895	2299	3·3615390	2349	3·3708830	2399	3·3800302
2250	3·3521825	2300	3·3617278	2350	3·3710679	2400	3·3802112

Num	Logarith.	Num	Logarith.	Num	Logarith.	Num	Logarith.
2400	3.3802112	2450	3.3891661	2500	3.3979400	2550	3.4065402
2401	3.3803922	2451	3.3893433	2501	3.3981137	2551	3.4067105
2402	3.3805730	2452	3.3895205	2502	3.3982873	2552	3.4068807
2403	3.3807538	2453	3.3896975	2503	3.3984608	2553	3.4070508
2404	3.3809345	2454	3.3898746	2504	3.3986343	2554	3.4072209
2405	3.3811151	2455	3.3900515	2505	3.3988077	2555	3.4073909
2406	3.3812956	2456	3.3902284	2506	3.3989811	2556	3.4075608
2407	3.3814761	2457	3.3904052	2507	3.3991543	2557	3.4077307
2408	3.3816565	2458	3.3905819	2508	3.3993275	2558	3.4079005
2409	3.3818368	2459	3.3907585	2509	3.3995007	2559	3.4080703
2410	3.3820170	2460	3.3909351	2510	3.3996737	2560	3.4082400
2411	3.3821972	2461	3.3911116	2511	3.3998467	2561	3.4084096
2412	3.3823773	2462	3.3912880	2512	3.4000196	2562	3.4085791
2413	3.3825573	2463	3.3914644	2513	3.4001925	2563	3.4087486
2414	3.3827373	2464	3.3916407	2514	3.4003653	2564	3.4089180
2415	3.3829171	2465	3.3918169	2515	3.4005380	2565	3.4090874
2416	3.3830969	2466	3.3919931	2516	3.4007106	2566	3.4092567
2417	3.3832766	2467	3.3921691	2517	3.4008832	2567	3.4094259
2418	3.3834563	2468	3.3923452	2518	3.4010557	2568	3.4095950
2419	3.3836359	2469	3.3925211	2519	3.4012282	2569	3.4097641
2420	3.3838154	2470	3.3926969	2520	3.4014005	2570	3.4099331
2421	3.3839948	2471	3.3928727	2521	3.4015728	2571	3.4101021
2422	3.3841741	2472	3.3930485	2522	3.4017451	2572	3.4102710
2423	3.3843534	2473	3.3932241	2523	3.4019173	2573	3.4104398
2424	3.3845326	2474	3.3933997	2524	3.4020893	2574	3.4106085
2425	3.3847117	2475	3.3935752	2525	3.4022614	2575	3.4107772
2426	3.3848908	2476	3.3937506	2526	3.4024333	2576	3.4109459
2427	3.3850698	2477	3.3939260	2527	3.4026052	2577	3.4111144
2428	3.3852487	2478	3.3941013	2528	3.4027771	2578	3.4112829
2429	3.3854275	2479	3.3942765	2529	3.4029488	2579	3.4114513
2430	3.3856063	2480	3.3944517	2530	3.4031205	2580	3.4116197
2431	3.3857850	2481	3.3946268	2531	3.4032921	2581	3.4117880
2432	3.3859636	2482	3.3948018	2532	3.4034637	2582	3.4119562
2433	3.3861421	2483	3.3949767	2533	3.4036352	2583	3.4121244
2434	3.3863206	2484	3.3951516	2534	3.4038066	2584	3.4122925
2435	3.3864990	2485	3.3953264	2535	3.4039780	2585	3.4124605
2436	3.3866773	2486	3.3955011	2536	3.4041492	2586	3.4126285
2437	3.3868555	2487	3.3956758	2537	3.4043205	2587	3.4127964
2438	3.3870337	2488	3.3958504	2538	3.4044916	2588	3.4129643
2439	3.3872118	2489	3.3960249	2539	3.4046627	2589	3.4131322
2440	3.3873898	2490	3.3961993	2540	3.4048337	2590	3.4132998
2441	3.3875678	2491	3.3963737	2541	3.4050047	2591	3.4134674
2442	3.3877457	2492	3.3965480	2542	3.4051755	2592	3.4136350
2443	3.3879235	2493	3.3967223	2543	3.4053464	2593	3.4138025
2444	3.3881012	2494	3.3968964	2544	3.4055171	2594	3.4139700
2445	3.3882789	2495	3.3970705	2545	3.4056878	2595	3.4141374
2446	3.3884565	2496	3.3972446	2546	3.4058584	2596	3.4143047
2447	3.3886340	2497	3.3974185	2547	3.4060289	2597	3.4144721
2448	3.3888114	2498	3.3975924	2548	3.4061994	2598	3.4146391
2449	3.3889888	2499	3.3977662	2549	3.4063698	2599	3.4148062
2450	3.3891661	2500	3.3979400	2550	3.4065402	2600	3.4149733

Num	Logarith.
2600	3·4149733
2601	3·4151424
2602	3·4153073
2603	3·4154742
2604	3·4156410
2605	3·4158077
2606	3·4159743
2607	3·4161410
2608	3·4163076
2609	3·4164741
2610	3·4166405
2611	3·4168069
2612	3·4169732
2613	3·4171394
2614	3·4173056
2615	3·4174717
2616	3·4176377
2617	3·4178037
2618	3·4179696
2619	3·4181355
2620	3·4183013
2621	3·4184670
2622	3·4186327
2623	3·4187983
2624	3·4189638
2625	3·4191293
2626	3·4192947
2627	3·4194601
2628	3·4196254
2629	3·4197906
2630	3·4199557
2631	3·4201208
2632	3·4202859
2633	3·4204509
2634	3·4206158
2635	3·4207806
2636	3·4209454
2637	3·4211101
2638	3·4212748
2639	3·4214394
2640	3·4216039
2641	3·4217684
2642	3·4219328
2643	3·4220972
2644	3·4222614
2645	3·4224257
2646	3·4225898
2647	3·4227539
2648	3·4229180
2649	3·4230820
2650	3·4232459

Num	Logarith.
2650	3·4232459
2651	3·4234097
2652	3·4235735
2653	3·4237372
2654	3·4239009
2655	3·4240645
2656	3·4242281
2657	3·4243916
2658	3·4245550
2659	3·4247183
2660	3·4248816
2661	3·4250449
2662	3·4252080
2663	3·4253712
2664	3·4255342
2665	3·4256972
2666	3·4258601
2667	3·4260230
2668	3·4261858
2669	3·4263486
2670	3·4265113
2671	3·4266739
2672	3·4268365
2673	3·4269990
2674	3·4271614
2675	3·4273238
2676	3·4274861
2677	3·4276484
2678	3·4278106
2679	3·4279727
2680	3·4281348
2681	3·4282968
2682	3·4284588
2683	3·4286207
2684	3·4287825
2685	3·4289443
2686	3·4291060
2687	3·42 2677
2688	3·4294293
2689	3·4295908
2690	3·4297523
2691	3·4299137
2692	3·4300751
2693	3·4302364
2694	3·4303976
2695	3·4305588
2696	3·4307199
2697	3·4308809
2698	3·4310419
2699	3·4312029
2700	3·4313638

Num	Logarith.
2700	3·4313638
2701	3·4315246
2702	3·4316853
2703	3·4318460
2704	3·4320067
2705	3·4321673
2706	3·4323278
2707	3·43 4882
2708	3·4326487
2709	3·4328090
2710	3·4329693
2711	3·4331295
2712	3·4332877
2713	3·4334498
2714	3·4336098
2715	3·4337695
2716	3·4339298
2717	3·4340896
2718	3·4342494
2719	3·4344092
2720	3·4345689
2721	3·4347285
2722	3·4348881
2723	3·4350476
2724	3·4352071
2725	3·4353665
2726	3·4355258
2727	3·4356851
2728	3·4358444
2729	3·4360035
2730	3·4361626
2731	3·4363217
2732	3·4364807
2733	3·4366396
2734	3·4367985
2735	3·4369573
2736	3·4371161
2737	3·4372748
2738	3·4374334
2739	3·4375 20
2740	3·4377506
2741	3·4379090
2742	3·4380674
2743	3·4382258
2744	3·4383841
2745	3·4385423
2746	3·43 7005
2747	3·4388587
2748	3·4390167
2749	3·4391747
2750	3·4393327

Num	Logarith.
2750	3·4393327
2751	3·4394906
2752	3·4396484
2753	3·4398062
2754	3·4399639
2755	3·4401216
2756	3·4402792
2757	3·4404368
2758	3·4405943
2759	3·4407517
2760	3·4409091
2761	3·4410664
2762	3·4412237
2763	3·4413809
2764	3·4415380
2765	3·4416951
2766	3·4418522
2767	3·4420092
2768	3·4421661
2769	3·4423229
2770	3·4424798
2771	3·4426365
2772	3·4427932
2773	3·4429499
2774	3·4431065
2775	3·4432630
2776	3·4434195
2777	3·4435759
2778	3·4437322
2779	3·4438885
2780	3·4440448
2781	3·4442010
2782	3·4443571
2783	3·4445132
2784	3·4446692
2785	3·4448252
2786	3·4449811
2787	3·4451370
2788	3·4452928
2789	3·4454485
2790	3·4456042
2791	3·4457598
2792	3·4459154
2793	3·4460709
2794	3·4462264
2795	3·4463818
2796	3·4465372
2797	3·4466925
2798	3·4468477
2799	3·4470029
2800	3·4471580

Num.	Logarith.	Num.	Logarith.	Num.	Logarith.	Num.	Logarith.
2800	3·4471580	2850	3·4548449	2900	3·4623980	2950	3·4698220
2801	3·4473131	2851	3·4549972	2901	3·4625477	2951	3·4699692
2802	3·4474681	2852	3·4551495	2902	3·4626974	2952	3·4701163
2803	3·4476231	2853	3·4553018	2903	3·4628470	2953	3·4702634
2804	3·4477780	2854	3·4554540	2904	3·4629[illegible]	2954	3·4704105
2805	3·4479329	2855	3·4556061	2905	3·4631461	2955	3·4705575
2806	3·4480877	2856	3·4557582	2906	3·4632956	2956	3·4707044
2807	3·4482424	2857	3·4559102	2907	3·4634450	2957	3·4708513
2808	3·4483971	2858	3·4560622	2908	3·4635944	2958	3·4709982
2809	3·4485517	2859	3·4562142	2909	3·4637437	2959	3·4711450
2810	3·4487063	2860	3·4563660	2910	3·4638930	2960	3·4712917
2811	3·4488608	2861	3·4565179	2911	3·4640422	2961	3·4714384
2812	3·4490153	2862	3·4566695	2912	3·4641914	2962	3·4715851
2813	3·4491697	2863	3·4568213	2913	3·4643405	2963	3·4717317
2814	3·4493241	2864	3·4569730	2914	3·4644895	2964	3·4718782
2815	3·4494784	2865	3·4571246	2915	3·4646386	2965	3·4720247
2816	3·4496326	2866	3·4572762	2916	3·4647875	2966	3·4721711
2817	3·4497868	2867	3·4574277	2917	3·4649364	2967	3·4723175
2818	3·4499410	2868	3·4575791	2918	3·4650853	2968	3·4724639
2819	3·4500951	2869	3·4577305	2919	3·4652341	2969	3·4726102
2820	3·4502491	2870	3·4578819	2920	3·4653828	2970	3·4727564
2821	3·4504031	2871	3·4580332	2921	3·4655316	2971	3·4729027
2822	3·4505570	2872	3·4581844	2922	3·4656802	2972	3·4730488
2823	3·4507109	2873	3·4583356	2923	3·4658288	2973	3·4731949
2824	3·4508647	2874	3·4584867	2924	3·4659774	2974	3·4733410
2825	3·4510184	2875	3·4586378	2925	3·4661259	2975	3·4734870
2826	3·4511721	2876	3·4587889	2926	3·4662743	2976	3·4736329
2827	3·4513258	2877	3·4589398	2927	3·4664227	2977	3·4737788
2828	3·4514794	2878	3·4590908	2928	3·4665711	2978	3·4739247
2829	3·4516329	2879	3·4592417	2929	3·4667194	2979	3·4740705
2830	3·4517864	2880	3·4593925	2930	3·4668676	2980	3·4742163
2831	3·4519399	2881	3·4595433	2931	3·4670158	2981	3·4743620
2832	3·4520932	2882	3·4596940	2932	3·4671640	2982	3·4745076
2833	3·4522466	2883	3·4598446	2933	3·4673121	2983	3·4746533
2834	3·4523998	2884	3·4599953	2934	3·4674601	2984	3·4747988
2835	3·4525531	2885	3·4601458	2935	3·4676081	2985	3·4749443
2836	3·4527062	2886	3·4602963	2936	3·4677560	2986	3·4750898
2837	3·4528593	2887	3·4604468	2937	3·4679039	2987	3·4752352
2838	3·4530124	2888	3·4605972	2938	3·4680518	2988	3·4753806
2839	3·4531654	2889	3·4607475	2939	3·4681996	2989	3·4755259
2840	3·4533183	2890	3·4608978	2940	3·4683473	2990	3·4756712
2841	3·4534712	2891	3·4610481	2941	3·4684950	2991	3·4758164
2842	3·4536241	2892	3·4611983	2942	3·4686427	2992	3·4759616
2843	3·4537769	2893	3·4613484	2943	3·4687903	2993	3·4761067
2844	3·4539296	2894	3·4614985	2944	3·4689378	2994	3·4762518
2845	3·4540823	2895	3·4616486	2945	3·4690853	2995	3·4763968
2846	3·4542349	2896	3·4617986	2946	3·4692327	2996	3·4765418
2847	3·4543875	2897	3·4619485	2947	3·4693801	2997	3·4766867
2848	3·4545400	2898	3·4620984	2948	3·4695275	2998	3·4768316
2849	3·4546924	2899	3·4622482	2949	3·4696748	2999	3·4769765
2850	3·4548449	2900	3·4623980	2950	3·4698220	3000	3·4771212

Num.	Logarith.	Num.	Logarith.	Num.	Logarith	Num.	Logarith
3000	3.4771212	3050	3.4842998	3100	3.4913617	3150	3.4983106
3001	3.4771691	3051	3.4843477	3101	3.4914096	3151	3.4983584
3002	3.4772170	3052	3.4843955	3102	3.4914574	3152	3.4984062
3003	3.4772648	3053	3.4844434	3103	3.4915053	3153	3.4984540
3004	3.4773127	3054	3.4844912	3104	3.4915531	3154	3.4985019
3005	3.4773605	3055	3.4845390	3105	3.4916010	3155	3.4985497
3006	3.4774084	3056	3.4845869	3106	3.4916488	3156	3.4985975
3007	3.4774562	3057	3.4846347	3107	3.4916966	3157	3.4986453
3008	3.4775041	3058	3.4846825	3108	3.4917445	3158	3.4986931
3009	3.4775519	3059	3.4847304	3109	3.4917923	3159	3.4987409
3010	3.4775997	3060	3.4847782	3110	3.4918401	3160	3.4987887
3011	3.4776476	3061	3.4848260	3111	3.4918879	3161	3.4988365
3012	3.4776954	3062	3.4848738	3112	3.4919358	3162	3.4988843
3013	3.4777433	3063	3.4849216	3113	3.4919836	3163	3.4989321
3014	3.4777911	3064	3.4849695	3114	3.4920314	3164	3.4989799
3015	3.4778389	3065	3.4850173	3115	3.4920792	3165	3.4990277
3016	3.4778867	3066	3.4850651	3116	3.4921270	3166	3.4990755
3017	3.4779346	3067	3.4851129	3117	3.4921748	3167	3.4991233
3018	3.4779824	3068	3.4851607	3118	3.4922226	3168	3.4991711
3019	3.4780302	3069	3.4852085	3119	3.4922704	3169	3.4992189
3020	3.4780780	3070	3.4852563	3120	3.4923182	3170	3.4992667
3021	3.4781259	3071	3.4853041	3121	3.4923660	3171	3.4993145
3022	3.4781737	3072	3.4853519	3122	3.4924138	3172	3.4993623
3023	3.4782215	3073	3.4853997	3123	3.4924616	3173	3.4994101
3024	3.4782693	3074	3.4854475	3124	3.4925094	3174	3.4994579
3025	3.4783171	3075	3.4854953	3125	3.4925572	3175	3.4995057
3026	3.4783649	3076	3.4855431	3126	3.4926050	3176	3.4995535
3027	3.4784127	3077	3.4855909	3127	3.4926528	3177	3.4996013
3028	3.4784605	3078	3.4856387	3128	3.4927006	3178	3.4996491
3029	3.4785083	3079	3.4856865	3129	3.4927484	3179	3.4996968
3030	3.4785561	3080	3.4857343	3130	3.4927962	3180	3.4997446
3031	3.4786039	3081	3.4857821	3131	3.4928440	3181	3.4997924
3032	3.4786517	3082	3.4858299	3132	3.4928918	3182	3.4998402
3033	3.4786995	3083	3.4858777	3133	3.4929396	3183	3.4998880
3034	3.4787473	3084	3.4859254	3134	3.4929874	3184	3.4999358
3035	3.4787951	3085	3.4859732	3135	3.4930351	3185	3.4999835
3036	3.4788429	3086	3.4860210	3136	3.4930829	3186	3.5000313
3037	3.4788907	3087	3.4860688	3137	3.4931307	3187	3.5000791
3038	3.4789385	3088	3.4861166	3138	3.4931785	3188	3.5001269
3039	3.4789863	3089	3.4861644	3139	3.4932263	3189	3.5001746
3040	3.4790341	3090	3.4862121	3140	3.4932740	3190	3.5002224
3041	3.4790819	3091	3.4862599	3141	3.4933218	3191	3.5002702
3042	3.4791297	3092	3.4863077	3142	3.4933696	3192	3.5003180
3043	3.4791775	3093	3.4863554	3143	3.4934174	3193	3.5003658
3044	3.4792253	3094	3.4864032	3144	3.4934651	3194	3.5004135
3045	3.4792731	3095	3.4864510	3145	3.4935129	3195	3.5004613
3046	3.4793208	3096	3.4864988	3146	3.4935607	3196	3.5005091
3047	3.4793686	3097	3.4865466	3147	3.4936084	3197	3.5005568
3048	3.4794164	3098	3.4865943	3148	3.4936562	3198	3.5006046
3049	3.4794642	3099	3.4866421	3149	3.4937040	3199	3.5006524
3050	3.4795120	3100	3.4866899	3150	3.4937517	3200	3.5007001

Num	Logarith.
3200	3·5051500
3201	3·5052857
3202	3·5054213
3203	3·5055569
3204	3·5056925
3205	3·5058280
3206	3·5059635
3207	3·5060990
3208	3·5062344
3209	3·5063697
3210	3·5065050
3211	3·5066403
3212	3·5067755
3213	3·5069107
3214	3·5070459
3215	3·5071810
3216	3·5073160
3217	3·5074511
3218	3·5075860
3219	3·5077210
3220	3·5078559
3221	3·5079907
3222	3·5081255
3223	3·5082603
3224	3·5083950
3225	3·5085297
3226	3·5086644
3227	3·5087990
3228	3·5089335
3229	3·5090680
3230	3·5092025
3231	3·5093370
3232	3·5094713
3233	3·5096057
3234	3·5097400
3235	3·5098743
3236	3·5100085
3237	3·5101427
3238	3·5102768
3239	3·5104109
3240	3·5105450
3241	3·5106790
3242	3·5108130
3243	3·5109469
3244	3·5110808
3245	3·5112147
3246	3·5113485
3247	3·5114823
3248	3·5116160
3249	3·5117497
3250	3·5118834

Num	Logarith.
3250	3·5118834
3251	3·5120170
3252	3·5121505
3253	3·5122841
3254	3·5124175
3255	3·5125510
3256	3·5126844
3257	3·5128178
3258	3·5129511
3259	3·5130844
3260	3·5132176
3261	3·5133508
3262	3·5134840
3263	3·5136171
3264	3·5137501
3265	3·5138832
3266	3·5140162
3267	3·5141491
3268	3·5142820
3269	3·5144149
3270	3·5145478
3271	3·5146805
3272	3·5148133
3273	3·5149460
3274	3·5150787
3275	3·5152113
3276	3·5153439
3277	3·5154764
3278	3·5156089
3279	3·5157414
3280	3·5158738
3281	3·5160062
3282	3·5161386
3283	3·5162709
3284	3·5164031
3285	3·5165354
3286	3·5166676
3287	3·5167997
3288	3·5169318
3289	3·5170639
3290	3·5171959
3291	3·5173279
3292	3·5174598
3293	3·5175917
3294	3·5177236
3295	3·5178554
3296	3·5179872
3297	3·5181189
3298	3·5182506
3299	3·5183823
3300	3·5185139

Num	Logarith.
3300	3·5185139
3301	3·5186455
3302	3·5187771
3303	3·5189086
3304	3·5190400
3305	3·5191715
3306	3·5193028
3307	3·5194342
3308	3·5195655
3309	3·5196968
3310	3·5198280
3311	3·5199592
3312	3·5200903
3313	3·5202214
3314	3·5203525
3315	3·5204835
3316	3·5206145
3317	3·5207455
3318	3·5208764
3319	3·5210073
3320	3·5211381
3321	3·5212689
3322	3·5213996
3323	3·5215303
3324	3·5216610
3325	3·5217916
3326	3·5219222
3327	3·5220528
3328	3·5221833
3329	3·5223138
3330	3·5224442
3331	3·5225746
3332	3·5227050
3333	3·5228353
3334	3·5229656
3335	3·5230958
3336	3·5232260
3337	3·5233562
3338	3·5234863
3339	3·5236164
3340	3·5237465
3341	3·5238765
3342	3·5240064
3343	3·5241364
3344	3·5242663
3345	3·5243961
3346	3·5245259
3347	3·5246557
3348	3·5247854
3349	3·5249151
3350	3·5250448

Num	Logarith.
3350	3·5250448
3351	3·5251744
3352	3·5253040
3353	3·5254335
3354	3·5255631
3355	3·5256925
3356	3·5258219
3357	3·5259513
3358	3·5260807
3359	3·5262100
3360	3·5263393
3361	3·5264685
3362	3·5265977
3363	3·5267269
3364	3·5268560
3365	3·5269851
3366	3·5271141
3367	3·5272431
3368	3·5273721
3369	3·5275010
3370	3·5276299
3371	3·5277588
3372	3·5278876
3373	3·5280163
3374	3·5281451
3375	3·5282738
3376	3·5284024
3377	3·5285311
3378	3·5286596
3379	3·5287882
3380	3·5289167
3381	3·5290452
3382	3·5291736
3383	3·5293020
3384	3·5294303
3385	3·5295587
3386	3·5296869
3387	3·5298152
3388	3·5299434
3389	3·5300716
3390	3·5301997
3391	3·5303278
3392	3·5304558
3393	3·5305837
3394	3·5307118
3395	3·5308398
3396	3·5309677
3397	3·5310955
3398	3·5312234
3399	3·5313512
3400	3·5314789

Num	Logarith.	Num	Logarith.	Num	Logarith.	Num	Logarith.
3400	3·5314789	3450	3·5375191	3500	3·5440680	3550	3·5502283
3401	3·5316666	3451	3·5377450	3501	3·5441921	3551	3·5503507
3402	3·5317343	3452	3·5380708	3502	3·5443161	3552	3·5504730
3403	3·5318619	3453	3·5381966	3503	3·5444401	3553	3·5505952
3404	3·5319895	3454	3·5383223	3504	3·5445641	3554	3·5507174
3405	3·5321171	3455	3·5384481	3505	3·5446880	3555	3·5508395
3406	3·5322446	3456	3·5385737	3506	3·5448119	3556	3·5509618
3407	3·5323721	3457	3·5386994	3507	3·5449358	3557	3·5510839
3408	3·5324996	3458	3·5388250	3508	3·5450596	3558	3·5512059
3409	3·5326270	3459	3·5389506	3509	3·5451834	3559	3·5513280
3410	3·5327544	3460	3·5390761	3510	3·5453071	3560	3·5514500
3411	3·5328817	3461	3·5392016	3511	3·5454308	3561	3·5515720
3412	3·5330090	3462	3·5393271	3512	3·5455545	3562	3·5516939
3413	3·5331363	3463	3·5394525	3513	3·5456781	3563	3·5518158
3414	3·5332635	3464	3·5395779	3514	3·5458018	3564	3·5519377
3415	3·5333907	3465	3·5397032	3515	3·5459253	3565	3·5520595
3416	3·5335179	3466	3·5398286	3516	3·5460489	3566	3·5521813
3417	3·5336450	3467	3·5399538	3517	3·5461724	3567	3·5523031
3418	3·5337721	3468	3·5400791	3518	3·5462958	3568	3·5524248
3419	3·5338991	3469	3·5402043	3519	3·5464193	3569	3·5525465
3420	3·5340261	3470	3·5403295	3520	3·5465427	3570	3·5526682
3421	3·5341531	3471	3·5404546	3521	3·5466660	3571	3·5527898
3422	3·5342800	3472	3·5405797	3522	3·5467894	3572	3·5529114
3423	3·5344069	3473	3·5407048	3523	3·5469126	3573	3·5530330
3424	3·5345338	3474	3·5408298	3524	3·5470359	3574	3·5531545
3425	3·5346606	3475	3·5409548	3525	3·5471591	3575	3·5532760
3426	3·5347874	3476	3·5410798	3526	3·5472823	3576	3·5533975
3427	3·5349141	3477	3·5412047	3527	3·5474055	3577	3·5535189
3428	3·5350408	3478	3·5413296	3528	3·5475286	3578	3·5536403
3429	3·5351675	3479	3·5414544	3529	3·5476517	3579	3·5537617
3430	3·5352941	3480	3·5415792	3530	3·5477747	3580	3·5538830
3431	3·5354207	3481	3·5417040	3531	3·5478977	3581	3·5540043
3432	3·5355473	3482	3·5418288	3532	3·5480207	3582	3·5541256
3433	3·5356738	3483	3·5419535	3533	3·5481436	3583	3·5542468
3434	3·5358003	3484	3·5420781	3534	3·5482665	3584	3·5543680
3435	3·5359267	3485	3·5422028	3535	3·5483894	3585	3·5544892
3436	3·5360532	3486	3·5423274	3536	3·5485123	3586	3·5546103
3437	3·5361795	3487	3·5424519	3537	3·5486351	3587	3·5547314
3438	3·5363059	3488	3·5425765	3538	3·5487578	3588	3·5548524
3439	3·5364322	3489	3·5427010	3539	3·5488806	3589	3·5549735
3440	3·5365584	3490	3·5428254	3540	3·5490033	3590	3·5550944
3441	3·5366847	3491	3·5429498	3541	3·5491259	3591	3·5552154
3442	3·5368109	3492	3·5430742	3542	3·5492486	3592	3·5553363
3443	3·5369370	3493	3·5431986	3543	3·5493712	3593	3·5554572
3444	3·5370631	3494	3·5433229	3544	3·5494937	3594	3·5555781
3445	3·5371892	3495	3·5434472	3545	3·5496162	3595	3·5556989
3446	3·5373153	3496	3·5435714	3546	3·5497387	3596	3·5558197
3447	3·5374413	3497	3·5436956	3547	3·5498612	3597	3·5559404
3448	3·5375672	3498	3·5438198	3548	3·5499836	3598	3·5560612
3449	3·5376932	3499	3·5439439	3549	3·5501060	3599	3·5561818
3450	3·5378191	3500	3·5440680	3550	3·5502283	3600	3·5563025

Num	Logarith.	Num	Logarith.	Num	Logarith.	Num	Logarith.
3600	3·5563025	3650	3·5622929	3700	3·5682017	3750	3·5740313
3601	3·5564231	3651	3·5624118	3701	3·5683191	3751	3·5741471
3602	3·5565437	3652	3·5625308	3702	3·5684364	3752	3·5742628
3603	3·5566643	3653	3·5626497	3703	3·5685537	3753	3·5743786
3604	3·5567848	3654	3·5627685	3704	3·5686710	3754	3·5744943
3605	3·5569053	3655	3·5628874	3705	3·5687882	3755	3·5746099
3606	3·5570257	3656	3·5630062	3706	3·5689054	3756	3·5747256
3607	3·5571461	3657	3·5631250	3707	3·5690225	3757	3·5748412
3608	3·5572665	3658	3·5632437	3708	3·5691397	3758	3·5749568
3609	3·5573869	3659	3·5633624	3709	3·5692568	3759	3·5750723
3610	3·5575072	3660	3·5634811	3710	3·5693739	3760	3·5751878
3611	3·5576275	3661	3·5635997	3711	3·5694910	3761	3·5753033
3612	3·5577477	3662	3·5637183	3712	3·5696080	3762	3·5754188
3613	3·5578680	3663	3·5638369	3713	3·5697249	3763	3·5755342
3614	3·5579881	3664	3·5639555	3714	3·5698419	3764	3·5756496
3615	3·5581083	3665	3·5640740	3715	3·5699588	3765	3·5757650
3616	3·5582284	3666	3·5641925	3716	3·5700757	3766	3·5758803
3617	3·5583485	3667	3·5643109	3717	3·5701926	3767	3·5759956
3618	3·5584686	3668	3·5644293	3718	3·5703094	3768	3·5761109
3619	3·5585886	3669	3·5645477	3719	3·5704262	3769	3·5762261
3620	3·5587086	3670	3·5646661	3720	3·5705429	3770	3·5763413
3621	3·5588285	3671	3·5647844	3721	3·5706597	3771	3·5764565
3622	3·5589484	3672	3·5649027	3722	3·5707764	3772	3·5765717
3623	3·5590683	3673	3·5650209	3723	3·5708930	3773	3·5766868
3624	3·5591882	3674	3·5651392	3724	3·5710097	3774	3·5768019
3625	3·5593080	3675	3·5652573	3725	3·5711263	3775	3·5769169
3626	3·5594278	3676	3·5653755	3726	3·5712428	3776	3·5770320
3627	3·5595476	3677	3·5654936	3727	3·5713594	3777	3·5771470
3628	3·5596673	3678	3·5656117	3728	3·5714759	3778	3·5772620
3629	3·5597870	3679	3·5657298	3729	3·5715924	3779	3·5773769
3630	3·5599066	3680	3·5658478	3730	3·5717088	3780	3·5774918
3631	3·5600262	3681	3·5659658	3731	3·5718252	3781	3·5776067
3632	3·5601458	3682	3·5660838	3732	3·5719416	3782	3·5777215
3633	3·5602654	3683	3·5662017	3733	3·5720580	3783	3·5778363
3634	3·5603849	3684	3·5663196	3734	3·5721743	3784	3·5779511
3635	3·5605044	3685	3·5664375	3735	3·5722906	3785	3·5780659
3636	3·5606239	3686	3·5665553	3736	3·5724069	3786	3·5781806
3637	3·5607433	3687	3·5666731	3737	3·5725231	3787	3·5782953
3638	3·5608627	3688	3·5667909	3738	3·5726393	3788	3·5784100
3639	3·5609820	3689	3·5669087	3739	3·5727555	3789	3·5785246
3640	3·5611014	3690	3·5670264	3740	3·5728716	3790	3·5786392
3641	3·5612207	3691	3·5671440	3741	3·5729877	3791	3·5787538
3642	3·5613399	3692	3·5672617	3742	3·5731038	3792	3·5788683
3643	3·5614592	3693	3·5673793	3743	3·5732198	3793	3·5789828
3644	3·5615784	3694	3·5674969	3744	3·5733358	3794	3·5790973
3645	3·5616975	3695	3·5676144	3745	3·5734518	3795	3·5792118
3646	3·5618167	3696	3·5677320	3746	3·5735678	3796	3·5793262
3647	3·5619358	3697	3·5678494	3747	3·5736837	3797	3·5794406
3648	3·5620548	3698	3·5679669	3748	3·5737996	3798	3·5795550
3649	3·5621739	3699	3·5680843	3749	3·5739154	3799	3·5796693
3650	3·5622929	3700	3·5682017	3750	3·5740313	3800	3·5797836

Num	Logarith.	Num	Logarith.	Num	Logarith.	Num	Logarith.
3800	3·5797636	3850	3·5854607	3900	3·5910646	3950	3·5965971
3801	3·5798979	3851	3·5855735	3901	3·5911759	3951	3·5967070
3802	3·5800321	3852	3·5856863	3902	3·5912873	3952	3·5968169
3803	3·5801663	3853	3·5857990	3903	3·5913985	3953	3·5969268
3804	3·5803005	3854	3·5859117	3904	3·5915098	3954	3·5970367
3805	3·5804347	3855	3·5860244	3905	3·5916210	3955	3·5971465
3806	3·5805688	3856	3·5861370	3906	3·5917322	3956	3·5972563
3807	3·5807030	3857	3·5862496	3907	3·5918434	3957	3·5973660
3808	3·5808370	3858	3·5863622	3908	3·5919546	3958	3·5974758
3809	3·5809711	3859	3·5864748	3909	3·5920657	3959	3·5975855
3810	3·5811052	3860	3·5865873	3910	3·5921768	3960	3·5976952
3811	3·5812392	3861	3·5866998	3911	3·5922878	3961	3·5978048
3812	3·5813732	3862	3·5868123	3912	3·5923988	3962	3·5979145
3813	3·5815072	3863	3·5869247	3913	3·5925098	3963	3·5980241
3814	3·5816412	3864	3·5870371	3914	3·5926208	3964	3·5981336
3815	3·5817751	3865	3·5871495	3915	3·5927318	3965	3·5982432
3816	3·5819090	3866	3·5872618	3916	3·5928427	3966	3·5983527
3817	3·5820428	3867	3·5873742	3917	3·5929536	3967	3·5984622
3818	3·5821767	3868	3·5874865	3918	3·5930644	3968	3·5985717
3819	3·5823105	3869	3·5875987	3919	3·5931753	3969	3·5986811
3820	3·5824443	3870	3·5877110	3920	3·5932861	3970	3·5987905
3821	3·5825780	3871	3·5878232	3921	3·5933968	3971	3·5988999
3822	3·5827117	3872	3·5879353	3922	3·5935076	3972	3·5990092
3823	3·5828453	3873	3·5880475	3923	3·5936183	3973	3·5991185
3824	3·5829789	3874	3·5881596	3924	3·5937290	3974	3·5992279
3825	3·5831126	3875	3·5882717	3925	3·5938397	3975	3·5993371
3826	3·5832460	3876	3·5883838	3926	3·5939503	3976	3·5994464
3827	3·5833795	3877	3·5884958	3927	3·5940609	3977	3·5995556
3828	3·5835129	3878	3·5886078	3928	3·5941715	3978	3·5996648
3829	3·5836463	3879	3·5887198	3929	3·5942820	3979	3·5997739
3830	3·5837797	3880	3·5888317	3930	3·5943925	3980	3·5998831
3831	3·5839130	3881	3·5889436	3931	3·5945030	3981	3·5999922
3832	3·5840463	3882	3·5890555	3932	3·5946135	3982	3·6001013
3833	3·5841795	3883	3·5891674	3933	3·5947239	3983	3·6002103
3834	3·5843127	3884	3·5892792	3934	3·5948344	3984	3·6003193
3835	3·5844459	3885	3·5893910	3935	3·5949447	3985	3·6004283
3836	3·5845790	3886	3·5895028	3936	3·5950551	3986	3·6005373
3837	3·5847121	3887	3·5896145	3937	3·5951654	3987	3·6006462
3838	3·5848452	3888	3·5897262	3938	3·5952757	3988	3·6007551
3839	3·5849782	3889	3·5898379	3939	3·5953860	3989	3·6008640
3840	3·5851112	3890	3·5899496	3940	3·5954962	3990	3·6009729
3841	3·5852443	3891	3·5900612	3941	3·5956064	3991	3·6010817
3842	3·5853773	3892	3·5901728	3942	3·5957166	3992	3·6011905
3843	3·5855102	3893	3·5902844	3943	3·5958268	3993	3·6012993
3844	3·5856432	3894	3·5903959	3944	3·5959369	3994	3·6014080
3845	3·5857761	3895	3·5905075	3945	3·5960470	3995	3·6015168
3846	3·5859090	3896	3·5906189	3946	3·5961571	3996	3·6016255
3847	3·5860418	3897	3·5907304	3947	3·5962671	3997	3·6017341
3848	3·5861747	3898	3·5908418	3948	3·5963771	3998	3·6018428
3849	3·5863074	3899	3·5909532	3949	3·5964871	3999	3·6019514
3850	3·5864402	3900	3·5910646	3950	3·5965971	4000	3·6020600

Num	Logarith.	Num	Logarith.	Num	Logarith.	Num	Logarith.
4000	3.6020600	4050	3.6074550	4100	3.6127839	4150	3.6180481
4001	3.6021685	4051	3.6075622	4101	3.6128898	4151	3.6181527
4002	3.6022771	4052	3.6076694	4102	3.6129957	4152	3.6182573
4003	3.6023856	4053	3.6077766	4103	3.6131015	4153	3.6183619
4004	3.6024941	4054	3.6078837	4104	3.6132073	4154	3.6184665
4005	3.6026025	4055	3.6079909	4105	3.6133132	4155	3.6185710
4006	3.6027109	4056	3.6080979	4106	3.6134189	4156	3.6186755
4007	3.6028193	4057	3.6082050	4107	3.6135247	4157	3.6187800
4008	3.6029277	4058	3.6083120	4108	3.6136304	4158	3.6188845
4009	3.6030361	4059	3.6084190	4109	3.6137361	4159	3.6189889
4010	3.6031444	4060	3.6085260	4110	3.6138418	4160	3.6190933
4011	3.6032527	4061	3.6086330	4111	3.6139475	4161	3.6191977
4012	3.6033609	4062	3.6087399	4112	3.6140531	4162	3.6193021
4013	3.6034692	4063	3.6088468	4113	3.6141587	4163	3.6194064
4014	3.6035774	4064	3.6089537	4114	3.6142643	4164	3.6195107
4015	3.6036855	4065	3.6090605	4115	3.6143698	4165	3.6196150
4016	3.6037937	4066	3.6091674	4116	3.6144754	4166	3.6197193
4017	3.6039018	4067	3.6092742	4117	3.6145809	4167	3.6198235
4018	3.6040099	4068	3.6093809	4118	3.6146863	4168	3.6199277
4019	3.6041180	4069	3.6094877	4119	3.6147918	4169	3.6200319
4020	3.6042261	4070	3.6095944	4120	3.6148972	4170	3.6201360
4021	3.6043341	4071	3.6097011	4121	3.6150026	4171	3.6202402
4022	3.6044421	4072	3.6098078	4122	3.6151080	4172	3.6203443
4023	3.6045500	4073	3.6099144	4123	3.6152133	4173	3.6204484
4024	3.6046580	4074	3.6100210	4124	3.6153187	4174	3.6205524
4025	3.6047659	4075	3.6101276	4125	3.6154240	4175	3.6206565
4026	3.6048738	4076	3.6102342	4126	3.6155292	4176	3.6207605
4027	3.6049816	4077	3.6103407	4127	3.6156345	4177	3.6208645
4028	3.6050895	4078	3.6104472	4128	3.6157397	4178	3.6209684
4029	3.6051973	4079	3.6105537	4129	3.6158449	4179	3.6210724
4030	3.6053050	4080	3.6106602	4130	3.6159501	4180	3.6211762
4031	3.6054128	4081	3.6107666	4131	3.6160552	4181	3.6212802
4032	3.6055205	4082	3.6108730	4132	3.6161603	4182	3.6213840
4033	3.6056282	4083	3.6109794	4133	3.6162654	4183	3.6214879
4034	3.6057359	4084	3.6110857	4134	3.6163705	4184	3.6215917
4035	3.6058435	4085	3.6111921	4135	3.6164755	4185	3.6216955
4036	3.6059512	4086	3.6112984	4136	3.6165805	4186	3.6217992
4037	3.6060587	4087	3.6114046	4137	3.6166855	4187	3.6219030
4038	3.6061663	4088	3.6115109	4138	3.6167905	4188	3.6220067
4039	3.6062738	4089	3.6116171	4139	3.6168954	4189	3.6221104
4040	3.6063814	4090	3.6117233	4140	3.6170003	4190	3.6222140
4041	3.6064888	4091	3.6118295	4141	3.6171052	4191	3.6223177
4042	3.6065963	4092	3.6119356	4142	3.6172101	4192	3.6224213
4043	3.6067037	4093	3.6120417	4143	3.6173149	4193	3.6225249
4044	3.6068111	4094	3.6121478	4144	3.6174197	4194	3.6226284
4045	3.6069185	4095	3.6122539	4145	3.6175245	4195	3.6227320
4046	3.6070259	4096	3.6123599	4146	3.6176293	4196	3.6228355
4047	3.6071332	4097	3.6124660	4147	3.6177340	4197	3.6229390
4048	3.6072405	4098	3.6125720	4148	3.6178387	4198	3.6230425
4049	3.6073478	4099	3.6126779	4149	3.6179434	4199	3.6231459
4050	3.6074550	4100	3.6127839	4150	3.6180481	4200	3.6232493

Num	Logarith.	Num	Logarith.	Num	Logarith.	Num	Logarith.
4200	3.6232493	4250	3.6283889	4300	3.6334685	4350	3.6384893
4201	3.6233527	4251	3.6284911	4301	3.6335694	4351	3.6385891
4202	3.6234560	4252	3.6285933	4302	3.6336704	4352	3.6386889
4203	3.6235594	4253	3.6286954	4303	3.6337713	4353	3.6387887
4204	3.6236627	4254	3.6287975	4304	3.6338725	4354	3.6388884
4205	3.6237660	4255	3.6288996	4305	3.6339732	4355	3.6389882
4206	3.6238693	4256	3.6290016	4306	3.6340740	4356	3.6390879
4207	3.6239725	4257	3.6291036	4307	3.6341749	4357	3.6391876
4208	3.6240757	4258	3.6292057	4308	3.6342757	4358	3.6392872
4209	3.6241789	4259	3.6293076	4309	3.6343765	4359	3.6393869
4210	3.6242821	4260	3.6294096	4310	3.6344773	4360	3.6394865
4211	3.6243852	4261	3.6295115	4311	3.6345780	4361	3.6395861
4212	3.6244884	4262	3.6296134	4312	3.6346788	4362	3.6396857
4213	3.6245915	4263	3.6297153	4313	3.6347795	4363	3.6397852
4214	3.6246945	4264	3.6298172	4314	3.6348801	4364	3.6398847
4215	3.6247976	4265	3.6299190	4315	3.6349808	4365	3.6399842
4216	3.6249006	4266	3.6300208	4316	3.6350814	4366	3.6400837
4217	3.6250036	4267	3.6301226	4317	3.6351820	4367	3.6401832
4218	3.6251065	4268	3.6302244	4318	3.6352826	4368	3.6402826
4219	3.6252095	4269	3.6303262	4319	3.6353832	4369	3.6403820
4220	3.6253124	4270	3.6304279	4320	3.6354837	4370	3.6404814
4221	3.6254153	4271	3.6305296	4321	3.6355843	4371	3.6405808
4222	3.6255182	4272	3.6306312	4322	3.6356848	4372	3.6406802
4223	3.6256211	4273	3.6307329	4323	3.6357852	4373	3.6407795
4224	3.6257239	4274	3.6308345	4324	3.6358857	4374	3.6408788
4225	3.6258267	4275	3.6309361	4325	3.6359861	4375	3.6409781
4226	3.6259295	4276	3.6310377	4326	3.6360865	4376	3.6410773
4227	3.6260322	4277	3.6311392	4327	3.6361869	4377	3.6411765
4228	3.6261350	4278	3.6312408	4328	3.6362872	4378	3.6412758
4229	3.6262377	4279	3.6313423	4329	3.6363876	4379	3.6413749
4230	3.6263404	4280	3.6314438	4330	3.6364879	4380	3.6414741
4231	3.6264430	4281	3.6315452	4331	3.6365882	4381	3.6415733
4232	3.6265457	4282	3.6316467	4332	3.6366884	4382	3.6416724
4233	3.6266483	4283	3.6317481	4333	3.6367887	4383	3.6417715
4234	3.6267509	4284	3.6318495	4334	3.6368889	4384	3.6418705
4235	3.6268534	4285	3.6319508	4335	3.6369891	4385	3.6419696
4236	3.6269559	4286	3.6320522	4336	3.6370893	4386	3.6420686
4237	3.6270585	4287	3.6321535	4337	3.6371894	4387	3.6421476
4238	3.6271610	4288	3.6322548	4338	3.6372895	4388	3.6422666
4239	3.6272634	4289	3.6323560	4339	3.6373896	4389	3.6423656
4240	3.6273659	4290	3.6324573	4340	3.6374897	4390	3.6424645
4241	3.6274683	4291	3.6325585	4341	3.6375898	4391	3.6425634
4242	3.6275707	4292	3.6326597	4342	3.6376898	4392	3.6426623
4243	3.6276730	4293	3.6327609	4343	3.6377898	4393	3.6427612
4244	3.6277754	4294	3.6328620	4344	3.6378898	4394	3.6428601
4245	3.6278777	4295	3.6329632	4345	3.6379898	4395	3.6429589
4246	3.6279800	4296	3.6330643	4346	3.6380897	4396	3.6430577
4247	3.6280823	4297	3.6331653	4347	3.6381896	4397	3.6431565
4248	3.6281845	4298	3.6332664	4348	3.6382895	4398	3.6432552
4249	3.6282867	4299	3.6333674	4349	3.6383894	4399	3.6433540
4250	3.6283889	4300	3.6334685	4350	3.6384893	4400	3.6434527

Num	Logarith.	Num	Logarith.	Num	Logarith.	Num	Logarith.
4400	3.6434527	4450	3.6483600	4500	3.6532125	4550	3.6580114
4401	3.6435514	4451	3.6484576	4501	3.6533090	4551	3.6581068
4402	3.6436500	4452	3.6485552	4502	3.6534055	4552	3.6582023
4403	3.6437487	4453	3.6486527	4503	3.6535019	4553	3.6582976
4404	3.6438473	4454	3.6487502	4504	3.6535984	4554	3.6583930
4405	3.6439459	4455	3.6488477	4505	3.6536948	4555	3.6584884
4406	3.6440445	4456	3.6489452	4506	3.6537912	4556	3.6585837
4407	3.6441430	4457	3.6490426	4507	3.6538876	4557	3.6586790
4408	3.6442416	4458	3.6491401	4508	3.6539839	4558	3.6587743
4409	3.6443401	4459	3.6492375	4509	3.6540802	4559	3.6588696
4410	3.6444386	4460	3.6493349	4510	3.6541765	4560	3.6589648
4411	3.6445371	4461	3.6494322	4511	3.6542728	4561	3.6590601
4412	3.6446355	4462	3.6495296	4512	3.6543691	4562	3.6591553
4413	3.6447339	4463	3.6496269	4513	3.6544653	4563	3.6592505
4414	3.6448323	4464	3.6497242	4514	3.6545616	4564	3.6593456
4415	3.6449307	4465	3.6498215	4515	3.6546578	4565	3.6594408
4416	3.6450291	4466	3.6499187	4516	3.6547539	4566	3.6595359
4417	3.6451274	4467	3.6500160	4517	3.6548501	4567	3.6596310
4418	3.6452257	4468	3.6501132	4518	3.6549462	4568	3.6597261
4419	3.6453240	4469	3.6502104	4519	3.6550423	4569	3.6598212
4420	3.6454223	4470	3.6503075	4520	3.6551384	4570	3.6599162
4421	3.6455205	4471	3.6504047	4521	3.6552345	4571	3.6600112
4422	3.6456187	4472	3.6505018	4522	3.6553300	4572	3.6601062
4423	3.6457169	4473	3.6505989	4523	3.6554266	4573	3.6602012
4424	3.6458151	4474	3.6506960	4524	3.6555226	4574	3.6602962
4425	3.6459133	4475	3.6507930	4525	3.6556186	4575	3.6603911
4426	3.6460114	4476	3.6508901	4526	3.6557145	4576	3.6604860
4427	3.6461095	4477	3.6509871	4527	3.6558105	4577	3.6605809
4428	3.6462076	4478	3.6510841	4528	3.6559064	4578	3.6606758
4429	3.6463057	4479	3.6511811	4529	3.6560023	4579	3.6607706
4430	3.6464037	4480	3.6512780	4530	3.6560982	4580	3.6608655
4431	3.6465017	4481	3.6513750	4531	3.6561941	4581	3.6609603
4432	3.6465997	4482	3.6514719	4532	3.6562899	4582	3.6610551
4433	3.6466977	4483	3.6515687	4533	3.6563857	4583	3.6611499
4434	3.6467957	4484	3.6516656	4534	3.6564815	4584	3.6612445
4435	3.6468936	4485	3.6517624	4535	3.6565773	4585	3.6613393
4436	3.6469915	4486	3.6518593	4536	3.6566730	4586	3.6614340
4437	3.6470894	4487	3.6519561	4537	3.6567688	4587	3.6615287
4438	3.6471873	4488	3.6520528	4538	3.6568645	4588	3.6616234
4439	3.6472851	4489	3.6521496	4539	3.6569602	4589	3.6617181
4440	3.6473830	4490	3.6522463	4540	3.6570559	4590	3.6618127
4441	3.6474808	4491	3.6523430	4541	3.6571515	4591	3.6619073
4442	3.6475785	4492	3.6524397	4542	3.6572471	4592	3.6620019
4443	3.6476763	4493	3.6525364	4543	3.6573427	4593	3.6620964
4444	3.6477740	4494	3.6526331	4544	3.6574383	4594	3.6621910
4445	3.6478718	4495	3.6527297	4545	3.6575339	4595	3.6622855
4446	3.6479695	4496	3.6528263	4546	3.6576294	4596	3.6623800
4447	3.6480671	4497	3.6529229	4547	3.6577250	4597	3.6624745
4448	3.6481648	4498	3.6530195	4548	3.6578205	4598	3.6625690
4449	3.6482624	4499	3.6531160	4549	3.6579159	4599	3.6626634
4450	3.6483600	4500	3.6532125	4550	3.6580114	4600	3.6627578

Num.	Logarith.	Num.	Logarith.	Num.	Logarith.	Num.	Logarith.
4600	3.6627574	4650	3.6671530	4700	3.6721 03	4750	3.6766936
4601	3.6628523	4651	3.6672463	4701	3.6722026	4751	3.6767850
4602	3.6629466	4652	3.6673397	4702	3.6722926	4752	3.6768764
4603	3.6630410	4653	3.6674331	4703	3.6723750	4753	3.6769678
4604	3.6631353	4654	3.6675264	4704	3.6724673	4754	3.6770592
4605	3.6632296	4655	3.6676197	4705	3.6725506	4755	3.6771505
4606	3.6633239	4656	3.6677130	4706	3.6726519	4756	3.6772418
4607	3.6634182	4657	3.6678062	4707	3.6727442	4757	3.6773332
4608	3.6635125	4658	3.6678995	4708	3.6728365	4758	3.6774244
4609	3.6636067	4659	3.6679927	4709	3.6729287	4759	3.6775157
4610	3.6637001	4660	3.6680859	4710	3.6730209	4760	3.6776069
4611	3.6637951	4661	3.6681791	4711	3.6731131	4761	3.6776982
4612	3.6638893	4662	3.6682723	4712	3.6732053	4762	3.6777894
4613	3.6639835	4663	3.6683654	4713	3.6732974	4763	3.6778806
4614	3.6640776	4664	3.6684585	4714	3.6733896	4764	3.6779718
4615	3.6641717	4665	3.6685516	4715	3.6734817	4765	3.6780629
4616	3.6642658	4666	3.6686447	4716	3.6735738	4766	3.6781450
4617	3.6643599	4667	3.6687378	4717	3.6736659	4767	3.6782452
4618	3.6644539	4668	3.6688308	4718	3.6737579	4768	3.6783362
4619	3.6645480	4669	3.6689239	4719	3.6738500	4769	3.6784273
4620	3.6646420	4670	3.6690169	4720	3.6739420	4770	3.6785184
4621	3.6647360	4671	3.6691099	4721	3.6740340	4771	3.6786094
4622	3.6648299	4672	3.6692028	4722	3.6741260	4772	3.6787004
4623	3.6649239	4673	3.6692958	4723	3.6742179	4773	3.6787914
4624	3.6650175	4674	3.6693887	4724	3.6743099	4774	3.6788824
4625	3.6651117	4675	3.6694816	4725	3.6744018	4775	3.6789734
4626	3.6652056	4676	3.6695745	4726	3.6744937	4776	3.6790643
4627	3.6652995	4677	3.6696674	4727	3.6745852	4777	3.6791552
4628	3.6653933	4678	3.6697602	4728	3.6746775	4778	3.6792461
4629	3.6654872	4679	3.6698530	4729	3.6747693	4779	3.6793370
4630	3.6655810	4680	3.6699459	4730	3.6748611	4780	3.6794279
4631	3.6656748	4681	3.6700389	4731	3.6749525	4781	3.6795187
4632	3.6657685	4682	3.6701314	4732	3.6750447	4782	3.6796096
4633	3.6658623	4683	3.6702242	4733	3.6751325	4783	3.6797004
4634	3.6659560	4684	3.6703169	4734	3.6752283	4784	3.6797912
4635	3.6660497	4685	3.6703096	4735	3.6753200	4785	3.6798819
4636	3.6661434	4686	3.6704023	4736	3.6754117	4786	3.6799727
4637	3.6662371	4687	3.6704950	4737	3.6755034	4787	3.6800634
4638	3.6663307	4688	3.6705876	4738	3.6755951	4788	3.6801541
4639	3.6664243	4689	3.6706802	4739	3.6756867	4789	3.6802448
4640	3.6665180	4690	3.6707728	4740	3.6757783	4790	3.6803355
4641	3.6666116	4691	3.6708654	4741	3.6758700	4791	3.6804262
4642	3.6667051	4692	3.6709580	4742	3.6759615	4792	3.6805168
4643	3.6667987	4693	3.6710506	4743	3.6760531	4793	3.6806074
4644	3.6668922	4694	3.6711431	4744	3.6761447	4794	3.6806980
4645	3.6669857	4695	3.6712356	4745	3.6762362	4795	3.6807886
4646	3.6670792	4696	3.6713281	4746	3.6763277	4796	3.6808792
4647	3.6671727	4697	3.6714206	4747	3.6764192	4797	3.6809697
4648	3.6672661	4698	3.6715130	4748	3.6765107	4798	3.6810602
4649	3.6673595	4699	3.6716054	4749	3.6766022	4799	3.6811507
4650	3.6674530	4700	3.6716979	4750	3.6766936	4800	3.6812413

Num	Logarith.
4800	3.6812412
4801	3.6813317
4802	3.6814222
4803	3.6815126
4804	3.6816030
4805	3.6816934
4806	3.6817838
4807	3.6818741
4808	3.6819645
4809	3.6820548
4810	3.6821451
4811	3.6822354
4812	3.6823256
4813	3.6824159
4814	3.6825061
4815	3.6825962
4816	3.6826865
4817	3.6827766
4818	3.6828668
4819	3.6829569
4820	3.6830470
4821	3.6831371
4822	3.6832272
4823	3.6833173
4824	3.6834073
4825	3.6834973
4826	3.6835873
4827	3.6836773
4828	3.6837673
4829	3.6838572
4830	3.6839471
4831	3.6840370
4832	3.6841269
4833	3.6842168
4834	3.6843066
4835	3.6843965
4836	3.6844863
4837	3.6845761
4838	3.6846659
4839	3.6847556
4840	3.6848454
4841	3.6849351
4842	3.6850248
4843	3.6851145
4844	3.6852041
4845	3.6852938
4846	3.6853834
4847	3.6854730
4848	3.6855626
4849	3.6856522
4850	3.6857417

Num	Logarith.
4850	3.6857417
4851	3.6858313
4852	3.6859208
4853	3.6860103
4854	3.6860998
4855	3.6861892
4856	3.6862787
4857	3.6863681
4858	3.6864575
4859	3.6865469
4860	3.6866363
4861	3.6867256
4862	3.6868149
4863	3.6869043
4864	3.6869936
4865	3.6870828
4866	3.6871721
4867	3.6872613
4868	3.6873506
4869	3.6874398
4870	3.6875290
4871	3.6876181
4872	3.6877073
4873	3.6877964
4874	3.6878855
4875	3.6879746
4876	3.6880637
4877	3.6881528
4878	3.6882418
4879	3.6883308
4880	3.6884198
4881	3.6885088
4882	3.6885978
4883	3.6886867
4884	3.6887756
4885	3.6888646
4886	3.6889535
4887	3.6890423
4888	3.6891312
4889	3.6892200
4890	3.6893089
4891	3.6893977
4892	3.6894864
4893	3.6895752
4894	3.6896640
4895	3.6897527
4896	3.6898414
4897	3.6899301
4898	3.6900188
4899	3.6901074
4900	3.6901961

Num	Logarith.
4900	3.6901961
4901	3.6902847
4902	3.6903733
4903	3.6904619
4904	3.6905505
4905	3.6906390
4906	3.6907275
4907	3.6908161
4908	3.6909046
4909	3.6909930
4910	3.6910815
4911	3.6911699
4912	3.6912584
4913	3.6913468
4914	3.6914352
4915	3.6915235
4916	3.6916119
4917	3.6917002
4918	3.6917885
4919	3.6918768
4920	3.6919651
4921	3.6920534
4922	3.6921416
4923	3.6922298
4924	3.6923180
4925	3.6924062
4926	3.6924944
4927	3.6925826
4928	3.6926707
4929	3.6927588
4930	3.6928469
4931	3.6929350
4932	3.6930231
4933	3.6931111
4934	3.6931991
4935	3.6932872
4936	3.6933752
4937	3.6934631
4938	3.6935511
4939	3.6936390
4940	3.6937269
4941	3.6938148
4942	3.6939027
4943	3.6939906
4944	3.6940785
4945	3.6941663
4946	3.6942541
4947	3.6943419
4948	3.6944297
4949	3.6945174
4950	3.6946052

Num	Logarith.
4950	3.6946052
4951	3.6946929
4952	3.6947806
4953	3.6948683
4954	3.6949560
4955	3.6950437
4956	3.6951313
4957	3.6952189
4958	3.6953065
4959	3.6953941
4960	3.6954817
4961	3.6955692
4962	3.6956568
4963	3.6957443
4964	3.6958318
4965	3.6959193
4966	3.6960067
4967	3.6960942
4968	3.6961816
4969	3.6962690
4970	3.6963564
4971	3.6964438
4972	3.6965311
4973	3.6966185
4974	3.6967058
4975	3.6967931
4976	3.6968804
4977	3.6969676
4978	3.6970549
4979	3.6971421
4980	3.6972293
4981	3.6973165
4982	3.6974037
4983	3.6974909
4984	3.6975780
4985	3.6976652
4986	3.6977523
4987	3.6978394
4988	3.6979264
4989	3.6980135
4990	3.6981005
4991	3.6981876
4992	3.6982746
4993	3.6983616
4994	3.6984485
4995	3.6985355
4996	3.6986224
4997	3.6987093
4998	3.6987963
5000	3.6988831

Num	Logarith.	Num	Logarith.	Num	Logarith.	Num	Logarith.
5000	3.6989700	5050	3.7032914	5100	3.7075702	5150	3.7118072
5001	3.6990569	5051	3.7033774	5101	3.7076553	5151	3.7118915
5002	3.6991437	5052	3.7034635	5102	3.7077405	5152	3.7119759
5003	3.6992305	5053	3.7035493	5103	3.7078256	5153	3.7120601
5004	3.6993173	505	3.7036352	5104	3.7079107	5154	3.7121444
5005	3.6994041	5055	3.7037212	5105	3.7079957	5155	3.7122287
5006	3.6994908	5056	3.7038071	5106	3.7080808	5156	3.7123129
5007	3.6995776	5057	3.7038929	5107	3.7081659	5157	3.7123971
5008	3.6996643	5058	3.7039788	5108	3.7082509	5158	3.7124813
5009	3.6997510	5059	3.7040647	5109	3.7083359	5159	3.7125655
5010	3.6998377	5060	3.7041505	5110	3.7084209	5160	3.7126497
5011	3.6999244	5061	3.7042363	5111	3.7085059	5161	3.7127339
5012	3.7000111	5062	3.7043221	5112	3.7085908	5162	3.7128180
5013	3.7000977	5063	3.7044079	5113	3.7086758	5163	3.7129021
5014	3.7001843	5064	3.7044937	5114	3.7087607	5164	3.7129862
5015	3.7002709	5065	3.7045794	5115	3.7088456	5165	3.7130703
5016	3.7003575	5066	3.7046652	5116	3.7089305	5166	3.7131544
5017	3.7004441	5067	3.7047509	5117	3.7090154	5167	3.7132385
5018	3.7005307	5068	3.7048366	5118	3.7091003	5168	3.7133225
5019	3.7006172	5069	3.7049223	5119	3.7091851	5169	3.7134065
5020	3.7007037	5070	3.7050080	5120	3.7092700	5170	3.7134905
5021	3.7007902	5071	3.7050936	5121	3.7093548	5171	3.7135745
5022	3.7008767	5072	3.7051792	5122	3.7094396	5172	3.7136585
5023	3.7009632	5073	3.7052649	5123	3.7095244	5173	3.7137425
5024	3.7010496	5074	3.7053505	5124	3.7096091	5174	3.7138264
5025	3.7011361	5075	3.7054360	5125	3.7096939	5175	3.7139104
5026	3.7012225	5076	3.7055216	5126	3.7097786	5176	3.7139943
5027	3.7013089	5077	3.7056072	5127	3.7098633	5177	3.7140782
5028	3.7013953	5078	3.7056927	5128	3.7099480	5178	3.7141620
5029	3.7014816	5079	3.7057782	5129	3.7100327	5179	3.7142459
5030	3.7015680	5080	3.7058637	5130	3.7101174	5180	3.7143298
5031	3.7016543	5081	3.7059492	5131	3.7102020	5181	3.7144136
5032	3.7017406	5082	3.7060342	5132	3.7102866	5182	3.7144974
5033	3.7018269	5083	3.7061201	5133	3.7103713	5183	3.7145812
5034	3.7019132	5084	3.7062055	5134	3.7104559	5184	3.7146650
5035	3.7019995	5085	3.7062910	5135	3.7105404	5185	3.7147488
5036	3.7020857	5086	3.7063764	5136	3.7106250	5186	3.7148325
5037	3.7021719	5087	3.7064617	5137	3.7107096	5187	3.7149162
5038	3.7022582	5088	3.7065471	5138	3.7107941	5188	3.7150000
5039	3.7023444	5089	3.7066324	5139	3.7108786	5189	3.7150837
5040	3.7024305	5090	3.7067178	5140	3.7109631	5190	3.7151674
5041	3.7025167	5091	3.7068031	5141	3.7110476	5191	3.7152510
5042	3.7026028	5092	3.7068884	5142	3.7111321	5192	3.7153347
5043	3.7026890	5093	3.7069737	5143	3.7112165	5193	3.7154183
5044	3.7027751	5094	3.7070589	5144	3.7113010	5194	3.7155019
5045	3.7028612	5095	3.7071442	5145	3.7113854	5195	3.7155856
5046	3.7029472	5096	3.7072294	5146	3.7114698	5196	3.7156691
5047	3.7030333	5097	3.7073146	5147	3.7115542	5197	3.7157527
5048	3.7031193	5098	3.7073998	5148	3.7116385	5198	3.7158363
5049	3.7032054	5099	3.7074850	5149	3.7117229	5199	3.7159198
5050	3.7032914	5100	3.7075702	5150	3.7118072	5200	3.7160033

Num	Logarith.	Num	Logarith	Num	Logarith.	Num	Logarith.
5200	3·7160033	5250	3·7201593	5300	3·7242759	5350	3·7283538
5201	3·7160869	5251	3·7202420	5301	3·7243573	5351	3·7284349
5202	3·7161703	5252	3·7203247	5302	3·7244397	5352	3·7285161
5203	3·7162538	5253	3·7204074	5303	3·7245216	5353	3·7285972
5204	3·7163373	5254	3·7204901	5304	3·7246035	5354	3·7286784
5205	3·7164207	5255	3·7205727	5305	3·7246854	5355	3·7287595
5206	3·7165042	5256	3·7206554	5306	3·7247672	5356	3·7288406
5207	3·7165876	5257	3·7207380	5307	3·7248491	5357	3·7289216
5208	3·7166710	5258	3·7208206	5308	3·7249309	5358	3·7290027
5209	3·7167544	5259	3·7209032	5309	3·7250127	5359	3·7290838
5210	3·7168377	5260	3·7209857	5310	3·7250945	5360	3·7291648
5211	3·7169211	5261	3·7210683	5311	3·7251763	5361	3·7292458
5212	3·7170044	5262	3·7211508	5312	3·7252581	5362	3·7293268
5213	3·7170877	5263	3·7212334	5313	3·7253398	5363	3·7294078
5214	3·7171710	5264	3·7213159	5314	3·7254215	5364	3·7294888
5215	3·7172543	5265	3·7213984	5315	3·7255033	5365	3·7295697
5216	3·7173376	5266	3·7214809	5316	3·7255850	5366	3·7296507
5217	3·7174208	5267	3·7215633	5317	3·7256667	5367	3·7297316
5218	3·7175041	5268	3·7216458	5318	3·7257483	5368	3·7298125
52195	3·7175873	5269	3·7217282	53193	3·7258300	5369	3·7298934
5220	3·7176705	5270	3·7218106	5320	3·7259116	5370	3·7299743
5221	3·7177537	5271	3·7218930	5321	3·7259933	5371	3·7300551
5222	3·7178369	5272	3·7219754	5322	3·7260749	5372	3·7301360
5223	3·7179200	5273	3·7220578	5323	3·7261565	5373	3·7302168
5224	3·7180032	5274	3·7221401	5324	3·7262380	5374	3·7302977
5225	3·7180863	5275	3·7222225	5325	3·7263196	5375	3·7303785
5226	3·7181694	5276	3·7223048	5326	3·7264012	5376	3·7304593
5227	3·7182525	5277	3·7223871	5327	3·7264827	5377	3·7305400
5228	3·7183356	5278	3·7224694	5328	3·7265642	5378	3·7306208
5229	3·7184186	5279	3·7225517	5329	3·7266497	5379	3·7307015
5230	3·7185017	5280	3·7226339	5330	3·7267272	5380	3·7307823
5231	3·7185847	5281	3·7227162	5331	3·7268087	5381	3·7308630
5232	3·7186677	5282	3·7227984	5332	3·7268901	5382	3·7309437
5233	3·7187507	5283	3·7228806	5333	3·7269716	5383	3·7310244
5234	3·7188337	5284	3·7229628	5334	3·7270530	5384	3·7311051
5235	3·7189167	5285	3·7230450	5335	3·7271344	5385	3·7311857
5236	3·7189995	5286	3·7231272	5336	3·7272153	5386	3·7312663
5237	3·7190826	5287	3·7232093	5337	3·7272972	5387	3·7313470
5238	3·7191655	5288	3·7232914	5338	3·7273786	5388	3·7314276
5239	3·7192484	5289	3·7233736	5339	3·7274599	5389	3·7315082
5240	3·7193313	5290	3·7234557	5340	3·7275413	5390	3·7315888
5241	3·7194142	5291	3·7235378	5341	3·7276226	5391	3·7316693
5242	3·7194970	5292	3·7236198	5342	3·7277039	5392	3·7317499
5243	3·7195799	5293	3·7237019	5343	3·7277852	5393	3·7318304
5244	3·7196627	5294	3·7237839	5344	3·7278664	5394	3·7319109
5245	3·7197455	5295	3·7238660	5345	3·7279477	5395	3·7319914
5246	3·7198283	5296	3·7239480	5346	3·7280290	5396	3·7320719
5247	3·7199111	5297	3·7240300	5347	3·7281102	5397	3·7321524
5248	3·7199938	5298	3·7241120	5348	3·7281914	5398	3·7322329
5249	3·7200766	5299	3·7241939	5349	3·7282726	5399	3·7323133
5250	3·7201593	5300	3·7242759	5350	3·7283538	5400	3·7323938

Num	Logarith.	Num	Logarith.	Num	Logarith.	Num	Logarith.
5400	3·7322938	5450	3·7363965	5500	3·7403627	5550	3·7442930
5401	3·7324742	5451	3·7364762	5501	3·7404416	5551	3·7443712
5402	3·7325546	5452	3·7365558	5502	3·7405206	5552	3·7444495
5403	3·7326350	5453	3·7366355	5503	3·7405995	5553	3·7445277
5404	3·7327153	5454	3·7367151	5504	3·7406784	5554	3·7446059
5405	3·7327957	5455	3·7367948	5505	3·7407573	5555	3·7446841
5406	3·7328760	5456	3·7368744	5506	3·7408362	5556	3·7447622
5407	3·7329564	5457	3·7369540	5507	3·7409151	5557	3·7448404
5408	3·7330367	5458	3·7370335	5508	3·7409939	5558	3·7449185
5409	3·7331170	5459	3·7371131	5509	3·7410728	5559	3·7449967
5410	3·7331973	5460	3·7371926	5510	3·7411516	5560	3·7450748
5411	3·7332775	5461	3·7372722	5511	3·7412304	5561	3·7451529
5412	3·7333578	5462	3·7373517	5512	3·7413092	5562	3·7452310
5413	3·7334380	5463	3·7374312	5513	3·7413880	5563	3·7453091
5414	3·7335182	5464	3·7375107	5514	3·7414668	5564	3·7453871
5415	3·7335985	5465	3·7375902	5515	3·7415455	5565	3·7454652
5416	3·7336787	5466	3·7376696	5516	3·7416243	5566	3·7455432
5417	3·7337588	5467	3·7377491	5517	3·7417030	5567	3·7456212
5418	3·7338390	5468	3·7378285	5518	3·7417817	5568	3·7456992
5419	3·7339191	5469	3·7379079	5519	3·7418604	5569	3·7457772
5420	3·7339993	5470	3·7379873	5520	3·7419391	5570	3·7458552
5421	3·7340794	5471	3·7380667	5521	3·7420177	5571	3·7459332
5422	3·7341595	5472	3·7381461	5522	3·7420964	5572	3·7460111
5423	3·7342396	5473	3·7382254	5523	3·7421750	5573	3·7460890
5424	3·7343197	5474	3·7383048	5524	3·7422537	5574	3·7461670
5425	3·7343997	5475	3·7383841	5525	3·7423323	5575	3·7462449
5426	3·7344798	5476	3·7384634	5526	3·7424109	5576	3·7463228
5427	3·7345598	5477	3·7385427	5527	3·7424895	5577	3·7464006
5428	3·7346398	5478	3·7386220	5528	3·7425680	5578	3·7464785
5429	3·7347198	5479	3·7387013	5529	3·7426466	5579	3·7465564
5430	3·7347998	5480	3·7387806	5530	3·7427251	5580	3·7466342
5431	3·7348798	5481	3·7388598	5531	3·7428037	5581	3·7467120
5432	3·7349598	5482	3·7389390	5532	3·7428822	5582	3·7467898
5433	3·7350397	5483	3·7390182	5533	3·7429607	5583	3·7468676
5434	3·7351196	5484	3·7390974	5534	3·7430392	5584	3·7469454
5435	3·7351995	5485	3·7391766	5535	3·7431176	5585	3·7470232
5436	3·7352794	5486	3·7392558	5536	3·7431961	5586	3·7471009
5437	3·7353593	5487	3·7393350	5537	3·7432745	5587	3·7471787
5438	3·7354392	5488	3·7394141	5538	3·7433530	5588	3·7472564
5439	3·7355191	5489	3·7394932	5539	3·7434314	5589	3·7473341
5440	3·7355989	5490	3·7395723	5540	3·7435098	5590	3·7474118
5441	3·7356787	5491	3·7396514	5541	3·7435891	5591	3·7474895
5442	3·7357585	5492	3·7397305	5542	3·7436665	5592	3·7475672
5443	3·7358383	5493	3·7398096	5543	3·7437449	5593	3·7476448
5444	3·7359181	5494	3·7398886	5544	3·7438232	5594	3·7477225
5445	3·7359979	5495	3·7399677	5545	3·7439015	5595	3·7478001
5446	3·7360776	5496	3·7400467	5546	3·7439799	5596	3·7478777
5447	3·7361574	5497	3·7401257	5547	3·7440582	5597	3·7479553
5448	3·7362371	5498	3·7402047	5548	3·7441365	5598	3·7480329
5449	3·7363168	5499	3·7402837	5549	3·7442147	5599	3·7481105
5450	3·7363965	5500	3·7403627	5550	3·7442930	5600	3·7481880

Num	Logarith.	Num.	Logarith.	Num	Logarith.	Num.	Logarith.
5600	3·7481880	5650	3·7520484	5700	3·7558749	5750	3·7596678
5601	3·7482656	5651	3·7521253	5701	3·7559510	5751	3·7597434
5602	3·7483431	5652	3·7522022	5702	3·7560272	5752	3·7598189
5603	3·7484206	5653	3·7522790	5703	3·7561034	5753	3·7598944
5604	3·7484981	5654	3·7523558	5704	3·7561795	5754	3·7599699
5605	3·7485756	5655	3·7524326	5705	3·7562556	5755	3·7600453
5606	3·7486531	5656	3·7525094	5706	3·7563318	5756	3·7601208
5607	3·7487306	5657	3·7525862	5707	3·7564079	5757	3·7601962
5608	3·7488080	5658	3·7526629	5708	3·7564840	5758	3·7602717
5609	3·7488854	5659	3·7527397	5709	3·7565600	5759	3·7603471
5610	3·7489629	5660	3·7528164	5710	3·7566361	5760	3·7604225
5611	3·7490403	5661	3·7528932	5711	3·7567122	5761	3·7604979
5612	3·7491177	5662	3·7529699	5712	3·7567882	5762	3·7605733
5613	3·7491950	5663	3·7530466	5713	3·7568642	5763	3·7606486
5614	3·7492724	5664	3·7531232	5714	3·7569402	5764	3·7607240
5615	3·7493498	5665	3·7531999	5715	3·7570162	5765	3·7607993
5616	3·7494271	5666	3·7532766	5716	3·7570922	5766	3·7608746
5617	3·7495044	5667	3·7533532	5717	3·7571682	5767	3·7609500
5618	3·7495817	5668	3·7534298	5718	3·7572441	5768	3·7610253
5619	3·7496590	5669	3·7535065	5719	3·7573201	5769	3·7611005
5620	3·7497363	5670	3·7535831	5720	3·7573960	5770	3·7611758
5621	3·7498136	5671	3·7536596	5721	3·7574719	5771	3·7612511
5622	3·7498908	5672	3·7537362	5722	3·7575479	5772	3·7613263
5623	3·7499681	5673	3·7538128	5723	3·7576237	5773	3·7614016
5624	3·7500453	5674	3·7538893	5724	3·7576996	5774	3·7614768
5625	3·7501225	5675	3·7539659	5725	3·7577755	5775	3·7615520
5626	3·7501997	5676	3·7540424	5726	3·7578513	5776	3·7616272
5627	3·7502769	5677	3·7541189	5727	3·7579272	5777	3·7617024
5628	3·7503541	5678	3·7541954	5728	3·7580030	5778	3·7617775
5629	3·7504312	5679	3·7542719	5729	3·7580788	5779	3·7618527
5630	3·7505084	5680	3·7543483	5730	3·7581546	5780	3·7619278
5631	3·7505855	5681	3·7544248	5731	3·7582304	5781	3·7620030
5632	3·7506626	5682	3·7545012	5732	3·7583062	5782	3·7620781
5633	3·7507398	5683	3·7545777	5733	3·7583819	5783	3·7621532
5634	3·7508168	5684	3·7546541	5734	3·7584577	5784	3·7622283
5635	3·7508939	5685	3·7547305	5735	3·7585334	5785	3·7623034
5636	3·7509710	5686	3·7548069	5736	3·7586091	5786	3·7623784
5637	3·7510480	5687	3·7548832	5737	3·7586848	5787	3·7624535
5638	3·7511251	5688	3·7549596	5738	3·7587605	5788	3·7625285
5639	3·7512021	5689	3·7550359	5739	3·7588362	5789	3·7626035
5640	3·7512791	5690	3·7551123	5740	3·7589119	5790	3·7626786
5641	3·7513561	5691	3·7551886	5741	3·7589875	5791	3·7627536
5642	3·7514331	5692	3·7552649	5742	3·7590632	5792	3·7628286
5643	3·7515100	5693	3·7553412	5743	3·7591388	5793	3·7629035
5644	3·7515870	5694	3·7554175	5744	3·7592144	5794	3·7629785
5645	3·7516639	5695	3·7554937	5745	3·7592900	5795	3·7630534
5646	3·7517409	5696	3·7555700	5746	3·7593656	5796	3·7631284
5647	3·7518178	5697	3·7556462	5747	3·7594412	5797	3·7632033
5648	3·7518947	5698	3·7557224	5748	3·7595168	5798	3·7632782
5649	3·7519716	5699	3·7557987	5749	3·7595923	5799	3·7633531
5650	3·7520484	5700	3·7558749	5750	3·7596678	5800	3·7634280

Num.	Logarith.	Num.	Logarith.	Num.	Logarith.	Num.	Logarith.
5800	3.7634287	5850	3.7671559	5900	3.7708520	5950	3.7745170
5801	3.7635029	5851	3.7672301	5901	3.7709256	5951	3.7745899
5802	3.7635777	5852	3.7673043	5902	3.7709992	5952	3.7746629
5803	3.7636526	5853	3.7673785	5903	3.7710728	5953	3.7747359
5804	3.7637274	5854	3.7674527	5904	3.7711463	5954	3.7748088
5805	3.7638022	5855	3.7675269	5905	3.7712199	5955	3.7748818
5806	3.7638770	5856	3.7676011	5906	3.7712934	5956	3.7749547
5807	3.7639518	5857	3.7676752	5907	3.7713670	5957	3.7750276
5808	3.7640266	5858	3.7677494	5908	3.7714405	5958	3.7751005
5809	3.7641014	5859	3.7678235	5909	3.7715140	5959	3.7751734
5810	3.7641761	5860	3.7678976	5910	3.7715875	5960	3.7752463
5811	3.7642509	5861	3.7679717	5911	3.7716610	5961	3.7753191
5812	3.7643256	5862	3.7680458	5912	3.7717344	5962	3.7753920
5813	3.7644003	5863	3.7681199	5913	3.7718079	5963	3.7754648
5814	3.7644750	5864	3.7681940	5914	3.7718813	5964	3.7755376
5815	3.7645497	5865	3.7682680	5915	3.7719547	5965	3.7756104
5816	3.7646244	5866	3.7683421	5916	3.7720282	5966	3.7756832
5817	3.7646991	5867	3.7684161	5917	3.7721016	5967	3.7757560
5818	3.7647737	5868	3.7684901	5918	3.7721750	5968	3.7758288
5819	3.7648484	5869	3.7685641	5919	3.7722483	5969	3.7759016
5820	3.7649230	5870	3.7686381	5920	3.7723217	5970	3.7759743
5821	3.7649976	5871	3.7687121	5921	3.7723951	5971	3.7760471
5822	3.7650722	5872	3.7687860	5922	3.7724684	5972	3.7761198
5823	3.7651468	5873	3.7688600	5923	3.7725417	5973	3.7761925
5824	3.7652214	5874	3.7689339	5924	3.7726150	5974	3.7762652
5825	3.7652959	5875	3.7690079	5925	3.7726884	5975	3.7763379
5826	3.7653705	5876	3.7690818	5926	3.7727616	5976	3.7764106
5827	3.7654450	5877	3.7691557	5927	3.7728349	5977	3.7764833
5828	3.7655195	5878	3.7692296	5928	3.7729082	5978	3.7765559
5829	3.7655941	5879	3.7693035	5929	3.7729814	5979	3.7766286
5830	3.7656686	5880	3.7693773	5930	3.7730547	5980	3.7767012
5831	3.7657430	5881	3.7694512	5931	3.7731279	5981	3.7767738
5832	3.7658175	5882	3.7695250	5932	3.7732011	5982	3.7768464
5833	3.7658920	5883	3.7695988	5933	3.7732743	5983	3.7769190
5834	3.7659664	5884	3.7696727	5934	3.7733475	5984	3.7769916
5835	3.7660409	5885	3.7697465	5935	3.7734207	5985	3.7770642
5826	3.7661153	5886	3.7698203	5936	3.7734939	5986	3.7771367
5837	3.7661897	5887	3.7698940	5937	3.7735670	5987	3.7772093
5838	3.7662641	5888	3.7699678	5938	3.7736402	5988	3.7772818
5839	3.7663385	5889	3.7700416	5939	3.7737133	5989	3.7773543
5840	3.7664128	5890	3.7701153	5940	3.7737864	5990	3.7774268
5841	3.7664872	5891	3.7701890	5941	3.7738596	5991	3.7774993
5842	3.7665616	5892	3.7702627	5942	3.7739326	5992	3.7775718
5843	3.7666359	5893	3.7703364	5943	3.7740057	5993	3.7776443
5844	3.7667102	5894	3.7704101	5944	3.7740788	5994	3.7777167
5845	3.7667845	5895	3.7704838	5945	3.7741519	5995	3.7777892
5846	3.7668588	5896	3.7705575	5946	3.7742249	5996	3.7778616
5847	3.7669331	5897	3.7706311	5947	3.7742979	5997	3.7779340
5848	3.7670074	5898	3.7707048	5948	3.7743710	5998	3.7780065
5849	3.7670816	5899	3.7707784	5949	3.7744440	5999	3.7780789
5850	3.7671559	5900	3.7708520	5950	3.7745170	6000	3.7781512

Num.	Logarith.	Num.	Logarith.	Num.	Logarith.	Num.	Logarith.
6000	3.7781512	6050	3.7817554	6100	3.7853298	6150	3.7888751
6001	3.7782236	6051	3.7818272	6101	3.7854010	6151	3.7889457
6002	3.7782960	6052	3.7818989	6102	3.7854722	6152	3.7890163
6003	3.7783683	6053	3.7819707	6103	3.7855434	6153	3.7890869
6004	3.7784407	6054	3.7820424	6104	3.7856145	6154	3.7891575
6005	3.7785130	6055	3.7821141	6105	3.7856857	6155	3.7892281
6006	3.7785853	6056	3.7821859	6106	3.7857568	6156	3.7892986
6007	3.7786576	6057	3.7822576	6107	3.7858279	6157	3.7893691
6008	3.7787299	6058	3.7823293	6108	3.7858990	6158	3.7894397
6009	3.7788022	6059	3.7824010	6109	3.7859701	6159	3.7895102
6010	3.7788745	6060	3.7824726	6110	3.7860412	6160	3.7895807
6011	3.7789467	6061	3.7825443	6111	3.7861123	6161	3.7896512
6012	3.7790190	6062	3.7826159	6112	3.7861833	6162	3.7897217
6013	3.7790912	6063	3.7826876	6113	3.7862544	6163	3.7897922
6014	3.7791634	6064	3.7827592	6114	3.7863254	6164	3.7898626
6015	3.7792356	6065	3.7828308	6115	3.7863965	6165	3.7899331
6016	3.7793078	6066	3.7829024	6116	3.7864675	6166	3.7900035
6017	3.7793800	6067	3.7829740	6117	3.7865385	6167	3.7900739
6018	3.7794522	6068	3.7830456	6118	3.7866095	6168	3.7901444
6019	3.7795243	6069	3.7831171	6119	3.7866805	6169	3.7902148
6020	3.7795965	6070	3.7831887	6120	3.7867514	6170	3.7902852
6021	3.7796686	6071	3.7832602	6121	3.7868224	6171	3.7903555
6022	3.7797408	6072	3.7833318	6122	3.7868933	6172	3.7904259
6023	3.7798129	6073	3.7834033	6123	3.7869643	6173	3.7904963
6024	3.7798850	6074	3.7834748	6124	3.7870352	6174	3.7905666
6025	3.7799571	6075	3.7835463	6125	3.7871061	6175	3.7906370
6026	3.7800291	6076	3.7836178	6126	3.7871770	6176	3.7907073
6027	3.7801012	6077	3.7836892	6127	3.7872479	6177	3.7907776
6028	3.7801732	6078	3.7837607	6128	3.7873188	6178	3.7908479
6029	3.7802453	6079	3.7838321	6129	3.7873896	6179	3.7909182
6030	3.7803173	6080	3.7839036	6130	3.7874605	6180	3.7909885
6031	3.7803893	6081	3.7839750	6131	3.7875313	6181	3.7910587
6032	3.7804613	6082	3.7840464	6132	3.7876021	6182	3.7911290
6033	3.7805333	6083	3.7841178	6133	3.7876730	6183	3.7911992
6034	3.7806053	6084	3.7841892	6134	3.7877438	6184	3.7912695
6035	3.7806773	6085	3.7842606	6135	3.7878146	6185	3.7913397
6036	3.7807492	6086	3.7843319	6136	3.7878853	6186	3.7914099
6037	3.7808212	6087	3.7844033	6137	3.7879561	6187	3.7914802
6038	3.7808931	6088	3.7844746	6138	3.7880269	6188	3.7915503
6039	3.7809650	6089	3.7845460	6139	3.7880976	6189	3.7916205
6040	3.7810369	6090	3.7846173	6140	3.7881684	6190	3.7916906
6041	3.7811088	6091	3.7846886	6141	3.7882391	6191	3.7917608
6042	3.7811807	6092	3.7847599	6142	3.7883098	6192	3.7918309
6043	3.7812526	6093	3.7848312	6143	3.7883805	6193	3.7919011
6044	3.7813245	6094	3.7849024	6144	3.7884512	6194	3.7919712
6045	3.7813963	6095	3.7849737	6145	3.7885219	6195	3.7920413
6046	3.7814681	6096	3.7850450	6146	3.7885925	6196	3.7921114
6047	3.7815400	6097	3.7851162	6147	3.7886632	6197	3.7921815
6048	3.7816118	6098	3.7851874	6148	3.7887339	6198	3.7922516
6049	3.7816836	6099	3.7852586	6149	3.7888045	6199	3.7923216
6050	3.7817554	6100	3.7853298	6150	3.7888751	6200	3.7923917

Num.	Logarith.	Num.	Logarith.	Num.	Logarith.	Num.	Logarith.
6200	3.7923917	6250	3.7958800	6300	3.7993405	6350	3.8027737
6201	3.7924018	6251	3.7958901	6301	3.7993506	6351	3.8027837
6202	3.7924118	6252	3.7959001	6302	3.7993606	6352	3.8027938
6203	3.7924218	6253	3.7959102	6303	3.7993707	6353	3.8028038
6204	3.7924318	6254	3.7959202	6304	3.7993807	6354	3.8028139
6205	3.7924418	6255	3.7959302	6305	3.7993908	6355	3.8028239
6206	3.7924518	6256	3.7959402	6306	3.7994008	6356	3.8028339
6207	3.7924618	6257	3.7959502	6307	3.7994108	6357	3.8028440
6208	3.7924718	6258	3.7959603	6308	3.7994208	6358	3.8028540
6209	3.7924818	6259	3.7959703	6309	3.7994308	6359	3.8028640
6210	3.7924918	6260	3.7959803	6310	3.7994409	6360	3.8028741
6211	3.7925018	6261	3.7959903	6311	3.7994509	6361	3.8028841
6212	3.7925118	6262	3.7960003	6312	3.7994609	6362	3.8028941
6213	3.7925218	6263	3.7960103	6313	3.7994709	6363	3.8029041
6214	3.7925318	6264	3.7960203	6314	3.7994809	6364	3.8029142
6215	3.7925418	6265	3.7960303	6315	3.7994909	6365	3.8029242
6216	3.7925518	6266	3.7960403	6316	3.7995009	6366	3.8029342
6217	3.7925618	6267	3.7960503	6317	3.7995109	6367	3.8029442
6218	3.7925718	6268	3.7960603	6318	3.7995209	6368	3.8029542
6219	3.7925818	6269	3.7960703	6319	3.7995309	6369	3.8029642
6220	3.7925918	6270	3.7960803	6320	3.7995409	6370	3.8029742
6221	3.7926018	6271	3.7960903	6321	3.7995509	6371	3.8029842
6222	3.7926118	6272	3.7961003	6322	3.7995609	6372	3.8029942
6223	3.7926218	6273	3.7961103	6323	3.7995709	6373	3.8030042
6224	3.7926318	6274	3.7961203	6324	3.7995809	6374	3.8030142
6225	3.7926418	6275	3.7961303	6325	3.7995909	6375	3.8030242
6226	3.7926518	6276	3.7961403	6326	3.7996009	6376	3.8030342
6227	3.7926618	6277	3.7961503	6327	3.7996109	6377	3.8030442
6228	3.7926718	6278	3.7961603	6328	3.7996209	6378	3.8030542
6229	3.7926818	6279	3.7961703	6329	3.7996309	6379	3.8030642
6230	3.7926918	6280	3.7961803	6330	3.7996409	6380	3.8030742
6231	3.7927018	6281	3.7961903	6331	3.7996509	6381	3.8030842
6232	3.7927118	6282	3.7962003	6332	3.7996609	6382	3.8030942
6233	3.7927218	6283	3.7962103	6333	3.7996709	6383	3.8031042
6234	3.7927318	6284	3.7962203	6334	3.7996809	6384	3.8031142
6235	3.7927418	6285	3.7962303	6335	3.7996909	6385	3.8031242
6236	3.7927518	6286	3.7962403	6336	3.7997009	6386	3.8031342
6237	3.7927618	6287	3.7962503	6337	3.7997109	6387	3.8031442
6238	3.7927718	6288	3.7962603	6338	3.7997209	6388	3.8031542
6239	3.7927818	6289	3.7962703	6339	3.7997309	6389	3.8031642
6240	3.7927918	6290	3.7962803	6340	3.7997409	6390	3.8031742
6241	3.7928018	6291	3.7962903	6341	3.7997509	6391	3.8031842
6242	3.7928118	6292	3.7963003	6342	3.7997609	6392	3.8031942
6243	3.7928218	6293	3.7963103	6343	3.7997709	6393	3.8032042
6244	3.7928318	6294	3.7963203	6344	3.7997809	6394	3.8032142
6245	3.7928418	6295	3.7963303	6345	3.7997909	6395	3.8032242
6246	3.7928518	6296	3.7963403	6346	3.7998009	6396	3.8032342
6247	3.7928618	6297	3.7963503	6347	3.7998109	6397	3.8032442
6248	3.7928718	6298	3.7963603	6348	3.7998209	6398	3.8032542
6249	3.7928818	6299	3.7963703	6349	3.7998309	6399	3.8032642
6250	3.7928918	6300	3.7963803	6350	3.7998409	6400	3.8032742

Num	Logarith.	Num.	Logarith.	Num	Logarith.	Num	Logarith.
6400	3.8061800	6450	3.8095597	6500	3.8129134	6550	3.8162413
6401	3.8062478	6451	3.8096270	6501	3.8129802	6551	3.8163076
6402	3.8063157	6452	3.8096944	6502	3.8130470	6552	3.8163739
6403	3.8063835	6453	3.8097617	6503	3.8131138	6553	3.8164402
6404	3.8064513	6454	3.8098290	6504	3.8131805	6554	3.8165064
6405	3.8065191	6455	3.8098962	6505	3.8132473	6555	3.8165727
6406	3.8065869	6456	3.8099635	6506	3.8133141	6556	3.8166389
6407	3.8066547	6457	3.8100308	6507	3.8133808	6557	3.8167052
6408	3.8067225	6458	3.8100980	6508	3.8134475	6558	3.8167714
6409	3.8067903	6459	3.8101653	6509	3.8135143	6559	3.8168376
6410	3.8068580	6460	3.8102325	6510	3.8135810	6560	3.8169038
6411	3.8069258	6461	3.8102997	6511	3.8136477	6561	3.8169700
6412	3.8069935	6462	3.8103670	6512	3.8137144	6562	3.8170362
6413	3.8070612	6463	3.8104342	6513	3.8137811	6563	3.8171024
6414	3.8071290	6464	3.8105013	6514	3.8138478	6564	3.8171686
6415	3.8071967	6465	3.8105685	6515	3.8139144	6565	3.8172347
6416	3.8072644	6466	3.8106357	6516	3.8139811	6566	3.8173009
6417	3.8073320	6467	3.8107029	6517	3.8140477	6567	3.8173670
6418	3.8073997	6468	3.8107700	6518	3.8141144	6568	3.8174331
6419	3.8074674	6469	3.8108371	6519	3.8141810	6569	3.8174993
6420	3.8075350	6470	3.8109043	6520	3.8142476	6570	3.8175654
6421	3.8076027	6471	3.8109714	6521	3.8143142	6571	3.8176315
6422	3.8076703	6472	3.8110385	6522	3.8143808	6572	3.8176976
6423	3.8077379	6473	3.8111056	6523	3.8144474	6573	3.8177636
6424	3.8078055	6474	3.8111727	6524	3.8145140	6574	3.8178297
6425	3.8078731	6475	3.8112398	6525	3.8145805	6575	3.8178958
6426	3.8079407	6476	3.8113068	6526	3.8146471	6576	3.8179618
6427	3.8080083	6477	3.8113739	6527	3.8147136	6577	3.8180278
6428	3.8080759	6478	3.8114409	6528	3.8147801	6578	3.8180939
6429	3.8081434	6479	3.8115080	6529	3.8148467	6579	3.8181599
6430	3.8082110	6480	3.8115750	6530	3.8149132	6580	3.8182259
6431	3.8082785	6481	3.8116420	6531	3.8149797	6581	3.8182919
6432	3.8083460	6482	3.8117090	6532	3.8150462	6582	3.8183579
6433	3.8084136	6483	3.8117760	6533	3.8151127	6583	3.8184239
6434	3.8084811	6484	3.8118430	6534	3.8151791	6584	3.8184898
6435	3.8085485	6485	3.8119100	6535	3.8152456	6585	3.8185558
6436	3.8086160	6486	3.8119769	6536	3.8153120	6586	3.8186217
6437	3.8086835	6487	3.8120439	6537	3.8153785	6587	3.8186877
6438	3.8087510	6488	3.8121108	6538	3.8154449	6588	3.8187536
6439	3.8088184	6489	3.8121778	6539	3.8155113	6589	3.8188195
6440	3.8088859	6490	3.8122447	6540	3.8155777	6590	3.8188854
6441	3.8089533	6491	3.8123116	6541	3.8156441	6591	3.8189513
6442	3.8090207	6492	3.8123785	6542	3.8157105	6592	3.8190172
6443	3.8090881	6493	3.8124454	6543	3.8157769	6593	3.8190831
6444	3.8091555	6494	3.8125123	6544	3.8158433	6594	3.8191489
6445	3.8092229	6495	3.8125792	6545	3.8159096	6595	3.8192148
6446	3.8092903	6496	3.8126460	6546	3.8159760	6596	3.8192806
6447	3.8093577	6497	3.8127129	6547	3.8160423	6597	3.8193465
6448	3.8094250	6498	3.8127797	6548	3.8161087	6598	3.8194123
6449	3.8094924	6499	3.8128465	6549	3.8161750	6599	3.8194781
6450	3.8095597	6500	3.8129134	6550	3.8162413	6600	3.8195439

Num.	Logarith.	Num.	Logarith.	Num.	Logarith.	Num.	Logarith.
6600	3.8195439	6650	3.8226210	6700	3.8256748	6750	3.8287133
6601	3.8195997	6651	3.8226769	6701	3.8257307	6751	3.8287691
6602	3.8196755	6652	3.8227327	6702	3.8257864	6752	3.8288249
6603	3.8197413	6653	3.8227885	6703	3.8258422	6753	3.8288807
6604	3.8198071	6654	3.8228443	6704	3.8258980	6754	3.8289365
6605	3.8198729	6655	3.8229001	6705	3.8259538	6755	3.8289924
6606	3.8199386	6656	3.8229559	6706	3.8260095	6756	3.8290482
6607	3.8200043	6657	3.8230116	6707	3.8260653	6757	3.8291039
6608	3.8200700	6658	3.8230674	6708	3.8261211	6758	3.8291597
6609	3.8201358	6659	3.8231232	6709	3.8261768	6759	3.8292154
6610	3.8202015	6660	3.8231790	6710	3.8262326	6760	3.8292712
6611	3.8202672	6661	3.8232347	6711	3.8262883	6761	3.8293269
6612	3.8203328	6662	3.8232905	6712	3.8263441	6762	3.8293827
6613	3.8203985	6663	3.8233463	6713	3.8263998	6763	3.8294384
6614	3.8204642	6664	3.8234020	6714	3.8264556	6764	3.8294942
6615	3.8205298	6665	3.8234578	6715	3.8265113	6765	3.8295499
6616	3.8205955	6666	3.8235135	6716	3.8265671	6766	3.8296056
6617	3.8206611	6667	3.8235693	6717	3.8266228	6767	3.8296614
6618	3.8207268	6668	3.8236250	6718	3.8266786	6768	3.8297171
6619	3.8207924	6669	3.8236807	6719	3.8267343	6769	3.8297728
6620	3.8208580	6670	3.8237365	6720	3.8267900	6770	3.8298285
6621	3.8209236	6671	3.8237922	6721	3.8268458	6771	3.8298843
6622	3.8209892	6672	3.8238479	6722	3.8269015	6772	3.8299400
6623	3.8210548	6673	3.8239036	6723	3.8269572	6773	3.8299957
6624	3.8211203	6674	3.8239593	6724	3.8270129	6774	3.8300514
6625	3.8211859	6675	3.8240150	6725	3.8270686	6775	3.8301071
6626	3.8212514	6676	3.8240708	6726	3.8271243	6776	3.8301628
6627	3.8213170	6677	3.8241265	6727	3.8271800	6777	3.8302185
6628	3.8213825	6678	3.8241822	6728	3.8272357	6778	3.8302742
6629	3.8214480	6679	3.8242379	6729	3.8272914	6779	3.8303299
6630	3.8215135	6680	3.8242936	6730	3.8273471	6780	3.8303856
6631	3.8215790	6681	3.8243493	6731	3.8274028	6781	3.8304413
6632	3.8216445	6682	3.8244050	6732	3.8274585	6782	3.8304970
6633	3.8217100	6683	3.8244607	6733	3.8275142	6783	3.8305527
6634	3.8217755	6684	3.8245164	6734	3.8275699	6784	3.8306084
6635	3.8218410	6685	3.8245721	6735	3.8276256	6785	3.8306641
6636	3.8219064	6686	3.8246278	6736	3.8276813	6786	3.8307198
6637	3.8219718	6687	3.8246835	6737	3.8277370	6787	3.8307755
6638	3.8220372	6688	3.8247392	6738	3.8277927	6788	3.8308312
6639	3.8221027	6689	3.8247949	6739	3.8278484	6789	3.8308868
6640	3.8221681	6690	3.8248506	6740	3.8279041	6790	3.8309425
6641	3.8222335	6691	3.8249063	6741	3.8279598	6791	3.8309982
6642	3.8222989	6692	3.8249620	6742	3.8280155	6792	3.8310539
6643	3.8223643	6693	3.8250177	6743	3.8280712	6793	3.8311096
6644	3.8224296	6694	3.8250734	6744	3.8281269	6794	3.8311652
6645	3.8224950	6695	3.8251291	6745	3.8281826	6795	3.8312209
6646	3.8225603	6696	3.8251848	6746	3.8282383	6796	3.8312766
6647	3.8226257	6697	3.8252405	6747	3.8282940	6797	3.8313323
6648	3.8226910	6698	3.8252962	6748	3.8283497	6798	3.8313879
6649	3.8227563	6699	3.8253519	6749	3.8284054	6799	3.8314436
6650	3.8228216	6700	3.8254076	6750	3.8284611	6800	3.8314993

Num	Logarith.	Num	Logarith.	Num	Logarith.	Num	Logarith.
6800	3.8325089	6850	3.8356926	6900	3.8388491	6950	3.8419848
6801	3.8325728	6851	3.8357540	6901	3.8389120	6951	3.8420473
6802	3.8326366	6852	3.8358174	6902	3.8389750	6952	3.8421098
6803	3.8327005	6853	3.8358807	6903	3.8390379	6953	3.8421722
6804	3.8327643	6854	3.8359441	6904	3.8391008	6954	3.8422347
6805	3.8328281	6855	3.8360075	6905	3.8391637	6955	3.8422971
6806	3.8328919	6856	3.8360708	6906	3.8392266	6956	3.8423596
6807	3.8329558	6857	3.8361341	6907	3.8392895	6957	3.8424220
6808	3.8330195	6858	3.8361975	6908	3.8393523	6958	3.8424844
6809	3.8330833	6859	3.8362608	6909	3.8394152	6959	3.8425468
6810	3.8331471	6860	3.8363241	6910	3.8394780	6960	3.8426092
6811	3.8332109	6861	3.8363874	6911	3.8395409	6961	3.8426716
6812	3.8332746	6862	3.8364507	6912	3.8396037	6962	3.8427340
6813	3.8333384	6863	3.8365140	6913	3.8396666	6963	3.8427964
6814	3.8334021	6864	3.8365773	6914	3.8397294	6964	3.8428588
6815	3.8334659	6865	3.8366405	6915	3.8397922	6965	3.8429211
6816	3.8335296	6866	3.8367038	6916	3.8398550	6966	3.8429835
6817	3.8335933	6867	3.8367670	6917	3.8399178	6967	3.8430458
6818	3.8336570	6868	3.8368303	6918	3.8399806	6968	3.8431081
6819	3.8337207	6869	3.8368935	6919	3.8400433	6969	3.8431705
6820	3.8337844	6870	3.8369567	6920	3.8401061	6970	3.8432328
6821	3.8338480	6871	3.8370199	6921	3.8401688	6971	3.8432951
6822	3.8339117	6872	3.8370832	6922	3.8402316	6972	3.8433574
6823	3.8339754	6873	3.8371463	6923	3.8402943	6973	3.8434197
6824	3.8340390	6874	3.8372095	6924	3.8403571	6974	3.8434819
6825	3.8341027	6875	3.8372727	6925	3.8404198	6975	3.8435442
6826	3.8341663	6876	3.8373359	6926	3.8404825	6976	3.8436065
6827	3.8342299	6877	3.8373990	6927	3.8405452	6977	3.8436687
6828	3.8342935	6878	3.8374622	6928	3.8406079	6978	3.8437310
6829	3.8343571	6879	3.8375253	6929	3.8406706	6979	3.8437932
6830	3.8344207	6880	3.8375884	6930	3.8407332	6980	3.8438554
6831	3.8344843	6881	3.8376516	6931	3.8407959	6981	3.8439176
6832	3.8345479	6882	3.8377147	6932	3.8408586	6982	3.8439798
6833	3.8346114	6883	3.8377778	6933	3.8409212	6983	3.8440420
6834	3.8346750	6884	3.8378409	6934	3.8409838	6984	3.8441042
6835	3.8347385	6885	3.8379039	6935	3.8410465	6985	3.8441664
6836	3.8348021	6886	3.8379670	6936	3.8411091	6986	3.8442286
6837	3.8348656	6887	3.8380301	6937	3.8411717	6987	3.8442907
6838	3.8349291	6888	3.8380931	6938	3.8412343	6988	3.8443529
6839	3.8349926	6889	3.8381562	6939	3.8412969	6989	3.8444150
6840	3.8350561	6890	3.8382192	6940	3.8413595	6990	3.8444772
6841	3.8351196	6891	3.8382822	6941	3.8414220	6991	3.8445393
6842	3.8351831	6892	3.8383453	6942	3.8414846	6992	3.8446014
6843	3.8352465	6893	3.8384083	6943	3.8415472	6993	3.8446635
6844	3.8353100	6894	3.8384713	6944	3.8416097	6994	3.8447256
6845	3.8353735	6895	3.8385343	6945	3.8416722	6995	3.8447877
6846	3.8354369	6896	3.8385973	6946	3.8417348	6996	3.8448498
6847	3.8355003	6897	3.8386602	6947	3.8417973	6997	3.8449119
6848	3.8355638	6898	3.8387232	6948	3.8418598	6998	3.8449739
6849	3.8356272	6899	3.8387861	6949	3.8419223	6999	3.8450360
6850	3.8356906	6900	3.8388491	6950	3.8419848	7000	3.8450980

Num	Logarith.	Num	Logarith.	Num	Logarith.	Num	Logarith.
7000	3.8450350	7050	3.8481831	7100	3.8512583	7150	3.8543060
7001	3.8451801	7051	3.8483250	7101	3.8513995	7151	3.8544468
7002	3.8453252	7052	3.8484133	7102	3.8515407	7152	3.8545875
7003	3.8454941	7053	3.8485739	7103	3.8516818	7153	3.8547282
7004	3.8456361	7054	3.8487155	7104	3.8518230	7154	3.8548689
7005	3.8457781	7055	3.8488570	7105	3.8519641	7155	3.8550096
7006	3.8459201	7056	3.8489986	7106	3.8521052	7156	3.8551503
7007	3.8460621	7057	3.8491401	7107	3.8522463	7157	3.8552910
7008	3.8462041	7058	3.8492817	7108	3.8523874	7158	3.8554317
7009	3.8463461	7059	3.8494232	7109	3.8525285	7159	3.8555724
7010	3.8464881	7060	3.8495647	7110	3.8526696	7160	3.8557130
7011	3.8466301	7061	3.8497062	7111	3.8528107	7161	3.8558537
7012	3.8467721	7062	3.8498477	7112	3.8529517	7162	3.8559943
7013	3.8469141	7063	3.8499892	7113	3.8530928	7163	3.8561349
7014	3.8470561	7064	3.8501307	7114	3.8532339	7164	3.8562756
7015	3.8471980	7065	3.8502722	7115	3.8533749	7165	3.8564162
7016	3.8473400	7066	3.8504136	7116	3.8535159	7166	3.8565568
7017	3.8474819	7067	3.8505551	7117	3.8536570	7167	3.8566974
7018	3.8476239	7068	3.8506965	7118	3.8537980	7168	3.8568380
7019	3.8477658	7069	3.8508379	7119	3.8539390	7169	3.8569786
7020	3.8479077	7070	3.8509794	7120	3.8540800	7170	3.8571192
7021	3.8480496	7071	3.8511208	7121	3.8542210	7171	3.8572597
7022	3.8481916	7072	3.8512623	7122	3.8543620	7172	3.8574003
7023	3.8483335	7073	3.8514037	7123	3.8545029	7173	3.8575408
7024	3.8484754	7074	3.8515451	7124	3.8546439	7174	3.8576814
7025	3.8486173	7075	3.8516865	7125	3.8547849	7175	3.8578219
7026	3.8487592	7076	3.8518278	7126	3.8549258	7176	3.8579624
7027	3.8489011	7077	3.8519692	7127	3.8550668	7177	3.8581029
7028	3.8490430	7078	3.8521106	7128	3.8552077	7178	3.8582435
7029	3.8491849	7079	3.8522519	7129	3.8553486	7179	3.8583840
7030	3.8493268	7080	3.8523933	7130	3.8554895	7180	3.8585244
7031	3.8494687	7081	3.8525346	7131	3.8556304	7181	3.8586649
7032	3.8496106	7082	3.8526759	7132	3.8557713	7182	3.8588054
7033	3.8497525	7083	3.8528172	7133	3.8559122	7183	3.8589459
7034	3.8498943	7084	3.8529586	7134	3.8560531	7184	3.8590863
7035	3.8500362	7085	3.8530999	7135	3.8561940	7185	3.8592268
7036	3.8501780	7086	3.8532411	7136	3.8563348	7186	3.8593672
7037	3.8503199	7087	3.8533824	7137	3.8564757	7187	3.8595076
7038	3.8504617	7088	3.8535237	7138	3.8566165	7188	3.8596481
7039	3.8506035	7089	3.8536650	7139	3.8567574	7189	3.8597885
7040	3.8507453	7090	3.8538062	7140	3.8568982	7190	3.8599289
7041	3.8508871	7091	3.8539475	7141	3.8570390	7191	3.8600693
7042	3.8510289	7092	3.8540887	7142	3.8571798	7192	3.8602097
7043	3.8511707	7093	3.8542300	7143	3.8573206	7193	3.8603501
7044	3.8513125	7094	3.8543712	7144	3.8574614	7194	3.8604904
7045	3.8514543	7095	3.8545124	7145	3.8576022	7195	3.8606308
7046	3.8515960	7096	3.8546536	7146	3.8577430	7196	3.8607712
7047	3.8517378	7097	3.8547948	7147	3.8578838	7197	3.8609115
7048	3.8518795	7098	3.8549360	7148	3.8580245	7198	3.8610518
7049	3.8520213	7099	3.8550772	7149	3.8581653	7199	3.8611922
7050	3.8521630	7100	3.8552183	7150	3.8583060	7200	3.8613325

Num	Logarith.	Num	Logarith.	Num	Logarith.	Num	Logarith.
7200	3.8573325	7250	3.8603380	7300	3.8633220	7350	3.8662873
7201	3.8573928	7251	3.8603979	7301	3.8633823	7351	3.8663464
7202	3.8574531	7252	3.8604578	7302	3.8634418	7352	3.8664055
7203	3.8575134	7253	3.8605177	7303	3.8635013	7353	3.8664646
7204	3.8575737	7254	3.8605776	7304	3.8635608	7354	3.8665236
7205	3.8576340	7255	3.8606374	7305	3.8636202	7355	3.8665827
7206	3.8576943	7256	3.8606973	7306	3.8636797	7356	3.8666417
7207	3.8577545	7257	3.8607571	7307	3.8637391	7357	3.8667006
7208	3.8578140	7258	3.8608170	7308	3.8637985	7358	3.8667598
7209	3.8578750	7259	3.8608768	7309	3.8638580	7359	3.8668188
7210	3.8579353	7260	3.8609366	7310	3.8639174	7360	3.8668778
7211	3.8579955	7261	3.8609964	7311	3.8639768	7361	3.8669368
7212	3.8580557	7262	3.8610562	7312	3.8640362	7362	3.8669956
7213	3.8581159	7263	3.8611160	7313	3.8640956	7363	3.8670548
7214	3.8581761	7264	3.8611758	7314	3.8641550	7364	3.8671138
7215	3.8582363	7265	3.8612356	7315	3.8642143	7365	3.8671728
7216	3.8582965	7266	3.8612954	7316	3.8642737	7366	3.8672317
7217	3.8583567	7267	3.8613552	7317	3.8643331	7367	3.8672907
7218	3.8584169	7268	3.8614149	7318	3.8643924	7368	3.8673496
7219	3.8584770	7269	3.8614747	7319	3.8644517	7369	3.8674086
7220	3.8585372	7270	3.8615344	7320	3.8645111	7370	3.8674675
7221	3.8585973	7271	3.8615941	7321	3.8645704	7371	3.8675264
7222	3.8586575	7272	3.8616539	7322	3.8646297	7372	3.8675853
7223	3.8587176	7273	3.8617136	7323	3.8646890	7373	3.8676442
7224	3.8587777	7274	3.8617733	7324	3.8647483	7374	3.8677031
7225	3.8588379	7275	3.8618330	7325	3.8648076	7375	3.8677620
7226	3.8588980	7276	3.8618927	7326	3.8648669	7376	3.8678209
7227	3.8589581	7277	3.8619524	7327	3.8649262	7377	3.8678798
7228	3.8590181	7278	3.8620120	7328	3.8649855	7378	3.8679387
7229	3.8590782	7279	3.8620717	7329	3.8650447	7379	3.8679975
7230	3.8591383	7280	3.8621314	7330	3.8651040	7380	3.8680564
7231	3.8591984	7281	3.8621910	7331	3.8651632	7381	3.8681152
7232	3.8592584	7282	3.8622507	7332	3.8652225	7382	3.8681740
7233	3.8593185	7283	3.8623103	7333	3.8652817	7383	3.8682329
7234	3.8593785	7284	3.8623699	7334	3.8653409	7384	3.8682917
7235	3.8594385	7285	3.8624296	7335	3.8654001	7385	3.8683505
7236	3.8594986	7286	3.8624892	7336	3.8654593	7386	3.8684093
7237	3.8595586	7287	3.8625488	7337	3.8655185	7387	3.8684681
7238	3.8596186	7288	3.8626084	7338	3.8655777	7388	3.8685269
7239	3.8596786	7289	3.8626679	7339	3.8656369	7389	3.8685857
7240	3.8597386	7290	3.8627275	7340	3.8656961	7390	3.8686444
7241	3.8597985	7291	3.8627871	7341	3.8657552	7391	3.8687032
7242	3.8598585	7292	3.8628467	7342	3.8658144	7392	3.8687620
7243	3.8599185	7293	3.8629062	7343	3.8658735	7393	3.8688207
7244	3.8599784	7294	3.8629658	7344	3.8659327	7394	3.8688794
7245	3.8600383	7295	3.8630253	7345	3.8659918	7395	3.8689382
7246	3.8600983	7296	3.8630848	7346	3.8660509	7396	3.8689969
7247	3.8601582	7297	3.8631443	7347	3.8661100	7397	3.8690556
7248	3.8602182	7298	3.8632039	7348	3.8661691	7398	3.8691142
7249	3.8602781	7299	3.8632634	7349	3.8662282	7399	3.8691730
7250	3.8603380	7300	3.8633229	7350	3.8662873	7400	3.8692317

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7402	3.8693491	7452	3.8722728	7502	3.8751771	7552	3.8780620
7403	3.8694277	7453	3.8723311	7503	3.8752349	7553	3.8781195
7404	3.8694664	7454	3.8723894	7504	3.8752928	7554	3.8781770
7405	3.8695251	7455	3.8724476	7505	3.8753507	7555	3.8782345
7406	3.8695837	7456	3.8725059	7506	3.8754086	7556	3.8782919
7407	3.8696423	7457	3.8725641	7507	3.8754664	7557	3.8783494
7408	3.8697010	7458	3.8726224	7508	3.8755243	7558	3.8784069
7409	3.8697596	7459	3.8726806	7509	3.8755821	7559	3.8784643
7410	3.8698182	7460	3.8727388	7510	3.8756399	7560	3.8785218
7411	3.8698768	7461	3.8727970	7511	3.8756978	7561	3.8785792
7412	3.8699354	7462	3.8728552	7512	3.8757556	7562	3.8786367
7413	3.8699940	7463	3.8729134	7513	3.8758134	7563	3.8786941
7414	3.8700526	7464	3.8729716	7514	3.8758712	7564	3.8787515
7415	3.8701112	7465	3.8730298	7515	3.8759290	7565	3.8788089
7416	3.8701697	7466	3.8730880	7516	3.8759868	7566	3.8788663
7417	3.8702283	7467	3.8731461	7517	3.8760445	7567	3.8789237
7418	3.8702868	7468	3.8732043	7518	3.8761023	7568	3.8789811
7419	3.8703454	7469	3.8732625	7519	3.8761601	7569	3.8790385
7420	3.8704039	7470	3.8733206	7520	3.8762178	7570	3.8790959
7421	3.8704624	7471	3.8733787	7521	3.8762756	7571	3.8791532
7422	3.8705209	7472	3.8734369	7522	3.8763333	7572	3.8792106
7423	3.8705795	7473	3.8734950	7523	3.8763911	7573	3.8792680
7424	3.8706380	7474	3.8735531	7524	3.8764488	7574	3.8793253
7425	3.8706965	7475	3.8736112	7525	3.8765065	7575	3.8793826
7426	3.8707549	7476	3.8736693	7526	3.8765642	7576	3.8794400
7427	3.8708134	7477	3.8737274	7527	3.8766219	7577	3.8794973
7428	3.8708719	7478	3.8737855	7528	3.8766796	7578	3.8795546
7429	3.8709304	7479	3.8738435	7529	3.8767373	7579	3.8796119
7430	3.8709888	7480	3.8739016	7530	3.8767950	7580	3.8796692
7431	3.8710473	7481	3.8739597	7531	3.8768526	7581	3.8797265
7432	3.8711057	7482	3.8740177	7532	3.8769103	7582	3.8797838
7433	3.8711641	7483	3.8740757	7533	3.8769680	7583	3.8798411
7434	3.8712226	7484	3.8741338	7534	3.8770256	7584	3.8798983
7435	3.8712810	7485	3.8741918	7535	3.8770833	7585	3.8799556
7436	3.8713394	7486	3.8742498	7536	3.8771409	7586	3.8800128
7437	3.8713978	7487	3.8743078	7537	3.8771985	7587	3.8800701
7438	3.8714562	7488	3.8743658	7538	3.8772561	7588	3.8801273
7439	3.8715146	7489	3.8744238	7539	3.8773137	7589	3.8801846
7440	3.8715729	7490	3.8744818	7540	3.8773713	7590	3.8802418
7441	3.8716313	7491	3.8745398	7541	3.8774289	7591	3.8802990
7442	3.8716897	7492	3.8745978	7542	3.8774865	7592	3.8803562
7443	3.8717480	7493	3.8746557	7543	3.8775441	7593	3.8804134
7444	3.8718064	7494	3.8747137	7544	3.8776017	7594	3.8804706
7445	3.8718647	7495	3.8747716	7545	3.8776592	7595	3.8805278
7446	3.8719230	7496	3.8748296	7546	3.8777168	7596	3.8805850
7447	3.8719814	7497	3.8748875	7547	3.8777743	7597	3.8806421
7448	3.8720397	7498	3.8749454	7548	3.8778319	7598	3.8806993
7449	3.8720980	7499	3.8750034	7549	3.8778894	7599	3.8807564
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7602	3.8809279	7652	3.8837750	7702	3.8866035	7752	3.8894138
7603	3.8809850	7653	3.8838317	7703	3.8866599	7753	3.8894698
7604	3.8810421	7654	3.8838885	7704	3.8867163	7754	3.8895258
7605	3.8810992	7655	3.8839452	7705	3.8867726	7755	3.8895818
7606	3.8811563	7656	3.8840019	7706	3.8868290	7756	3.8896378
7607	3.8812134	7657	3.8840586	7707	3.8868854	7757	3.8896938
7608	3.8812705	7658	3.8841154	7708	3.8869417	7758	3.8897498
7609	3.8813276	7659	3.8841721	7709	3.8869980	7759	3.8898058
7610	3.8813847	7660	3.8842288	7710	3.8870544	7760	3.8898617
7611	3.8814417	7661	3.8842855	7711	3.8871107	7761	3.8899177
7612	3.8814988	7662	3.8843421	7712	3.8871670	7762	3.8899736
7613	3.8815558	7663	3.8843988	7713	3.8872233	7763	3.8900296
7614	3.8816129	7664	3.8844555	7714	3.8872796	7764	3.8900855
7615	3.8816699	7665	3.8845122	7715	3.8873359	7765	3.8901415
7616	3.8817269	7666	3.8845688	7716	3.8873922	7766	3.8901974
7617	3.8817840	7667	3.8846255	7717	3.8874485	7767	3.8902533
7618	3.8818410	7668	3.8846821	7718	3.8875048	7768	3.8903092
7619	3.8818980	7669	3.8847387	7719	3.8875610	7769	3.8903651
7620	3.8819550	7670	3.8847954	7720	3.8876173	7770	3.8904210
7621	3.8820120	7671	3.8848520	7721	3.8876736	7771	3.8904769
7622	3.8820689	7672	3.8849086	7722	3.8877298	7772	3.8905328
7623	3.8821259	7673	3.8849652	7723	3.8877860	7773	3.8905887
7624	3.8821829	7674	3.8850218	7724	3.8878423	7774	3.8906445
7625	3.8822398	7675	3.8850784	7725	3.8878985	7775	3.8907004
7626	3.8822968	7676	3.8851350	7726	3.8879547	7776	3.8907563
7627	3.8823537	7677	3.8851915	7727	3.8880109	7777	3.8908121
7628	3.8824107	7678	3.8852481	7728	3.8880671	7778	3.8908679
7629	3.8824676	7679	3.8853047	7729	3.8881233	7779	3.8909238
7630	3.8825246	7680	3.8853612	7730	3.8881795	7780	3.8909796
7631	3.8825815	7681	3.8854178	7731	3.8882357	7781	3.8910354
7632	3.8826384	7682	3.8854743	7732	3.8882918	7782	3.8910912
7633	3.8826953	7683	3.8855308	7733	3.8883480	7783	3.8911470
7634	3.8827522	7684	3.8855874	7734	3.8884042	7784	3.8912028
7635	3.8828090	7685	3.8856439	7735	3.8884603	7785	3.8912586
7636	3.8828659	7686	3.8857004	7736	3.8885165	7786	3.8913144
7637	3.8829228	7687	3.8857569	7737	3.8885726	7787	3.8913702
7638	3.8829797	7688	3.8858134	7738	3.8886287	7788	3.8914259
7639	3.8830365	7689	3.8858699	7739	3.8886848	7789	3.8914817
7640	3.8830934	7690	3.8859263	7740	3.8887410	7790	3.8915375
7641	3.8831502	7691	3.8859828	7741	3.8887971	7791	3.8915932
7642	3.8832070	7692	3.8860393	7742	3.8888532	7792	3.8916489
7643	3.8832639	7693	3.8860957	7743	3.8889093	7793	3.8917047
7644	3.8833207	7694	3.8861522	7744	3.8889653	7794	3.8917604
7645	3.8833775	7695	3.8862086	7745	3.8890214	7795	3.8918161
7646	3.8834343	7696	3.8862651	7746	3.8890775	7796	3.8918718
7647	3.8834911	7697	3.8863215	7747	3.8891336	7797	3.8919275
7648	3.8835479	7698	3.8863779	7748	3.8891896	7798	3.8919832
7649	3.8836047	7699	3.8864342	7749	3.8892457	7799	3.8920389
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8002	3.9031985	8052	3.9059038	8102	3.9085922	8152	3.9112642
8003	3.9032528	8053	3.9059577	8103	3.9086458	8153	3.9113174
8004	3.9033071	8054	3.9060116	8104	3.9086994	8154	3.9113707
8005	3.9033613	8055	3.9060655	8105	3.9087530	8155	3.9114240
8006	3.9034156	8056	3.9061195	8106	3.9088066	8156	3.9114772
8007	3.9034698	8057	3.9061734	8107	3.9088602	8157	3.9115305
8008	3.9035241	8058	3.9062273	8108	3.9089137	8158	3.9115837
8009	3.9035783	8059	3.9062812	8109	3.9089673	8159	3.9116369
8010	3.9036325	8060	3.9063350	8110	3.9090209	8160	3.9116902
8011	3.9036867	8061	3.9063889	8111	3.9090744	8161	3.9117434
8012	3.9037409	8062	3.9064428	8112	3.9091279	8162	3.9117966
8013	3.9037951	8063	3.9064967	8113	3.9091815	8163	3.9118498
8014	3.9038493	8064	3.9065505	8114	3.9092350	8164	3.9119030
8015	3.9039035	8065	3.9066044	8115	3.9092885	8165	3.9119562
8016	3.9039577	8066	3.9066582	8116	3.9093420	8166	3.9120094
8017	3.9040119	8067	3.9067121	8117	3.9093955	8167	3.9120626
8018	3.9040661	8068	3.9067659	8118	3.9094490	8168	3.9121157
8019	3.9041202	8069	3.9068197	8119	3.9095025	8169	3.9121689
8020	3.9041744	8070	3.9068735	8120	3.9095560	8170	3.9122221
8021	3.9042285	8071	3.9069273	8121	3.9096095	8171	3.9122752
8022	3.9042827	8072	3.9069812	8122	3.9096630	8172	3.9123284
8023	3.9043368	8073	3.9070350	8123	3.9097165	8173	3.9123815
8024	3.9043909	8074	3.9070887	8124	3.9097699	8174	3.9124346
8025	3.9044450	8075	3.9071425	8125	3.9098234	8175	3.9124878
8026	3.9044992	8076	3.9071963	8126	3.9098768	8176	3.9125409
8027	3.9045533	8077	3.9072501	8127	3.9099303	8177	3.9125940
8028	3.9046074	8078	3.9073038	8128	3.9099837	8178	3.9126471
8029	3.9046615	8079	3.9073576	8129	3.9100371	8179	3.9127002
8030	3.9047155	8080	3.9074114	8130	3.9100905	8180	3.9127533
8031	3.9047696	8081	3.9074651	8131	3.9101440	8181	3.9128064
8032	3.9048237	8082	3.9075188	8132	3.9101974	8182	3.9128595
8033	3.9048778	8082	3.9075726	8133	3.9102508	8183	3.9129126
8034	3.9049318	8084	3.9076263	8134	3.9103042	8184	3.9129656
8035	3.9049859	8085	3.9076800	8135	3.9103576	8185	3.9130187
8036	3.9050399	8086	3.9077337	8136	3.9104109	8186	3.9130717
8037	3.9050940	8087	3.9077874	8137	3.9104643	8187	3.9131248
8038	3.9051480	8088	3.9078411	8138	3.9105177	8188	3.9131778
8039	3.9052020	8089	3.9078948	8139	3.9105710	8189	3.9132309
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8041	3.9053101	8091	3.9080022	8141	3.9106778	8191	3.9133369
8042	3.9053641	8092	3.9080559	8142	3.9107311	8192	3.9133899
8043	3.9054181	8093	3.9081095	8143	3.9107844	8193	3.9134430
8044	3.9054721	8094	3.9081632	8144	3.9108378	8194	3.9134960
8045	3.9055260	8095	3.9082169	8145	3.9108911	8195	3.9135490
8046	3.9055800	8096	3.9082705	8146	3.9109444	8196	3.9136019
8047	3.9056340	8097	3.9083241	8147	3.9109977	8197	3.9136549
8048	3.9056880	8098	3.9083778	8148	3.9110510	8198	3.9137079
8049	3.9057419	8099	3.9084314	8149	3.9111043	8199	3.9137609
8050	3.9057959	8100	3.9084850	8150	3.9111576	8200	3.9138139

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8200	3.9138139	8250	3.9164532	8300	3.91[illegible]751	8350	3.9216[illegible]5
8201	3.9138668	8251	3.9165060	8301	3.9191[illegible]4	8351	3.9217305
8202	3.9139198	8252	3.9165592	8302	3.9191[illegible]82/	8352	3.9217905
8203	3.9139727	8253	3.9166118	8303	3.9192350	8353	3.9218425
8204	3.9140257	8254	3.9166645	8304	3.9192[illegible]73	8354	3.9218945
8205	3.9140786	8255	3.91671[illegible]1	8305	3.9193[illegible]06	8355	3.9219465
8206	3.9141315	8256	3.9167697	8306	3.9193[illegible]19	8356	3.9219984
8207	3.9141844	8257	3.9168223	8307	3.9194442	8357	3.9220504
8208	3.9142373	8258	3.9168749	8308	3.9194965	8358	3.9221024
8209	3.9142903	8259	3.9169275	8309	3.9195488	8359	3.9221543
8210	3.9143432	8260	3.9169800	8310	3.9196010	8360	3.9222063
8211	3.9143961	8261	3.9170326	8311	3.9196533	8361	3.9222582
8212	3.9144489	8262	3.9170852	8312	3.9197055	8362	3.9223102
8213	3.9145018	8263	3.9171378	8313	3.9197578	8363	3.9223621
8214	3.9145547	8264	3.9171903	8314	3.9198100	8364	3.9224140
8215	3.9146076	8265	3.9172429	8315	3.9198623	8365	3.9224659
8216	3.9146604	8266	3.9172954	8316	3.9199145	8366	3.9225179
8217	3.9147133	8267	3.9173479	8317	3.9199667	8367	3.9225698
8218	3.9147661	8268	3.9174005	8318	3.9200189	8368	3.9226217
8219	3.9148190	8269	3.9174530	8319	3.9200711	8369	3.9226736
8220	3.9148718	8270	3.9175055	8320	3.9201233	8370	3.9227255
8221	3.9149246	8271	3.9175580	8321	3.9201755	8371	3.9227773
8222	3.9149775	8272	3.9176105	8322	3.9202277	8372	3.9228292
8223	3.9150303	8273	3.9176630	8323	3.9202799	8373	3.9228811
8224	3.9150831	8274	3.9177155	8324	3.9203321	8374	3.9229330
8225	3.9151359	8275	3.9177680	8325	3.9203842	8375	3.9229848
8226	3.9151887	8276	3.9178205	8326	3.9204364	8376	3.9230367
8227	3.9152415	8277	3.9178730	8327	3.9204886	8377	3.9230885
8228	3.9152943	8278	3.9179254	8328	3.9205407	8378	3.9231404
8229	3.9153471	8279	3.9179779	8329	3.9205929	8379	3.9231922
8230	3.9153998	8280	3.9180303	8330	3.9206450	8380	3.9232440
8231	3.9154526	8281	3.9180828	8331	3.9206971	8381	3.9232958
8232	3.9155054	8282	3.9181352	8332	3.9207493	8382	3.9233477
8233	3.9155581	8283	3.9181877	8333	3.9208014	8383	3.9233995
8234	3.9156109	8284	3.9182401	8334	3.9208535	8384	3.9234513
8235	3.9156636	8285	3.9182925	8335	3.9209056	8385	3.9235031
8236	3.9157163	8286	3.9183449	8336	3.9209577	8386	3.9235549
8237	3.9157691	8287	3.9183973	8337	3.9210098	8387	3.9236066
8238	3.9158218	8288	3.9184497	8338	3.9210619	8388	3.9236584
8239	3.9158745	8289	3.9185021	8339	3.9211140	8389	3.9237102
8240	3.9159272	8290	3.9185545	8340	3.9211661	8390	3.9237620
8241	3.9159799	8291	3.9186069	8341	3.9212181	8391	3.9238137
8242	3.9160326	8292	3.9186593	8342	3.9212702	8392	3.9238655
8243	3.9160853	8293	3.9187117	8343	3.9213222	8393	3.9239172
8244	3.9161380	8294	3.9187640	8344	3.9213743	8394	3.9239690
8245	3.9161907	8295	3.9188164	8345	3.9214263	8395	3.9240207
8246	3.9162433	8296	3.9188687	8346	3.9214784	8396	3.9240724
8247	3.9162960	8297	3.9189211	8347	3.9215304	8397	3.9241242
8248	3.9163487	8298	3.9189734	8348	3.9215824	8398	3.9241759
8249	3.9164013	8299	3.9190258	8349	3.9216345	8399	3.9242276
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8412	3.9248993
841	3.9249509
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842	3.9253121
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8428	3.9257245
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8461	3.9274217
8462	3.9274730
8463	3.9275243
8464	3.9275757
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8467	3.9277296
8468	3.9277808
8469	3.9278321
8470	3.9278834
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8472	3.9279859
8473	3.9280372
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8476	3.9281909
8477	3.9282422
8478	3.9282934
8479	3.9283446
8480	3.9283959
8481	3.9284471
8482	3.9284983
8483	3.9285495
8484	3.9286007
8485	3.9286518
8486	3.9287030
8487	3.9287542
8488	3.9288054
8489	3.9288565
8490	3.9289077
8491	3.9289588
8492	3.9290100
8493	3.9290611
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8495	3.9291634
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8[illegible]	3.9293167
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8500	3.9294189

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8505	3.92[illegible]743
8506	3.9297254
8507	3.9297764
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8513	3.9300826
8514	3.9301336
8515	3.9301847
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8517	3.9302866
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8522	3.9305415
8523	3.9305925
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8526	3.9307453
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8530	3.9309490
8531	3.9309999
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8535	3.9312035
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8542	3.9315596
8543	3.9316104
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8562	3.9325752
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8567	3.9328288
8568	3.9328795
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8575	3.9332341
8576	3.9332848
8577	3.9333354
857[illegible]	3.9333860
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8586	3.9337909
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8591	3.9340437
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8593	3.9341448
8594	3.9341953
8595	3.9342459
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Num.	Logarith.	Num.	Logarith.	Num.	Logarith.	Num.	Logarith.
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8601	3.9345439	8651	3.9370663	8701	3.9395692	8751	3.9420577
8602	3.9345894	8652	3.9371165	8702	3.9396191	8752	3.9421073
8603	3.9346349	8653	3.9371667	8703	3.9396690	8753	3.9421569
8604	3.9346804	8654	3.9372169	8704	3.9397189	8754	3.9422065
8605	3.9347259	8655	3.9372671	8705	3.9397688	8755	3.9422561
8606	3.9347713	8656	3.9373172	8706	3.9398187	8756	3.9423058
8607	3.9348168	8657	3.9373674	8707	3.9398685	8757	3.9423553
8608	3.9348623	8658	3.9374176	8708	3.9399184	8758	3.9424049
8609	3.9349077	8659	3.9374677	8709	3.9399683	8759	3.9424545
8610	3.9349532	8660	3.9375179	8710	3.9400182	8760	3.9425041
8611	3.9349986	8661	3.9375680	8711	3.9400680	8761	3.9425537
8612	3.9350440	8662	3.9376182	8712	3.9401179	8762	3.9426032
8613	3.9350895	8663	3.9376683	8713	3.9401677	8763	3.9426528
8614	3.9351349	8664	3.9377184	8714	3.9402176	8764	3.9427024
8615	3.9351803	8665	3.9377686	8715	3.9402674	8765	3.9427519
8616	3.9352257	8666	3.9378187	8716	3.9403172	8766	3.9428015
8617	3.9352711	8667	3.9378688	8717	3.9403670	8767	3.9428510
8618	3.9353165	8668	3.9379189	8718	3.9404169	8768	3.9429005
8619	3.9353619	8669	3.9379690	8719	3.9404667	8769	3.9429501
8620	3.9354073	8670	3.9380191	8720	3.9405165	8770	3.9429996
8621	3.9354526	8671	3.9380692	8721	3.9405663	8771	3.9430491
8622	3.9354980	8672	3.9381193	8722	3.9406161	8772	3.9430986
8623	3.9355434	8673	3.9381693	8723	3.9406659	8773	3.9431481
8624	3.9355887	8674	3.9382194	8724	3.9407157	8774	3.9431976
8625	3.9356341	8675	3.9382695	8725	3.9407654	8775	3.9432471
8626	3.9356795	8676	3.9383195	8726	3.9408152	8776	3.9432966
8627	3.9357248	8677	3.9383696	8727	3.9408650	8777	3.9433461
8628	3.9357701	8678	3.9384196	8728	3.9409147	8778	3.9433956
8629	3.9358155	8679	3.9384697	8729	3.9409645	8779	3.9434450
8630	3.9358608	8680	3.9385197	8730	3.9410142	8780	3.9434945
8631	3.9359061	8681	3.9385698	8731	3.9410640	8781	3.9435440
8632	3.9359514	8682	3.9386198	8732	3.9411137	8782	3.9435934
8633	3.9359967	8683	3.9386698	8733	3.9411635	8783	3.9436429
8634	3.9360420	8684	3.9387198	8734	3.9412132	8784	3.9436923
8635	3.9360872	8685	3.9387698	8735	3.9412629	8785	3.9437418
8636	3.9361325	8686	3.9388198	8736	3.9413126	8786	3.9437912
8637	3.9361778	8687	3.9388698	8737	3.9413623	8787	3.9438406
8638	3.9362230	8688	3.9389198	8738	3.9414120	8788	3.9438900
8639	3.9362683	8689	3.9389698	8739	3.9414617	8789	3.9439395
8640	3.9363135	8690	3.9390198	8740	3.9415114	8790	3.9439889
8641	3.9363588	8691	3.9390697	8741	3.9415611	8791	3.9440383
8642	3.9364040	8692	3.9391197	8742	3.9416108	8792	3.9440877
8643	3.9364492	8693	3.9391697	8743	3.9416605	8793	3.9441371
8644	3.9364945	8694	3.9392196	8744	3.9417101	8794	3.9441865
8645	3.9365397	8695	3.9392696	8745	3.9417598	8795	3.9442358
8646	3.9365849	8696	3.9393195	8746	3.9418095	8796	3.9442852
8647	3.9366301	8697	3.9393695	8747	3.9418591	8797	3.9443346
8648	3.9366753	8698	3.9394194	8748	3.9419088	8798	3.9443840
8649	3.9367205	8699	3.9394693	8749	3.9419584	8799	3.9444333
8650	3.9367657	8700	3.9395193	8750	3.9420081	8800	3.9444827

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8801	3·9445320	8851	3·9469923	8901	3·9494388	8951	3·9518716
8802	3·9445814	8852	3·9470414	8902	3·9494876	8952	3·9519201
8803	3·9446307	8853	3·9470905	8903	3·9495364	8953	3·9519686
8804	3·9446800	8854	3·9471395	8904	3·9495852	8954	3·9520171
8805	3·9447294	8855	3·9471886	8905	3·9496339	8955	3·9520656
8806	3·9447787	8856	3·9472376	8906	3·9496827	8956	3·9521141
8807	3·9448280	8857	3·9472866	8907	3·9497315	8957	3·9521626
8808	3·9448773	8858	3·9473357	8908	3·9497802	8958	3·9522111
8809	3·9449266	8859	3·9473847	8909	3·9498290	8959	3·9522595
8810	3·9449759	8860	3·9474337	8910	3·9498777	8960	3·9523080
8811	3·9450252	8861	3·9474827	8911	3·9499264	8961	3·9523565
8812	3·9450745	8862	3·9475317	8912	3·9499752	8962	3·9524049
8813	3·9451238	8863	3·9475807	8913	3·9500239	8963	3·9524534
8814	3·9451730	8864	3·9476297	8914	3·9500726	8964	3·9525018
8815	3·9452223	8865	3·9476787	8915	3·9501213	8965	3·9525503
8816	3·9452716	8866	3·9477277	8916	3·9501701	8966	3·9525987
8817	3·9453208	8867	3·9477767	8917	3·9502188	8967	3·9526472
8818	3·9453701	8868	3·9478257	8918	3·9502675	8968	3·9526956
8819	3·9454193	8869	3·9478747	8919	3·9503162	8969	3·9527440
8820	3·9454685	8870	3·9479236	892	3·9503649	8970	3·9527925
8821	3·9455178	8871	3·9479726	8921	3·9504135	8971	3·9528409
8822	3·9455671	8872	3·9480215	8922	3·9504622	8972	3·9528893
8823	3·9456163	8873	3·9480705	8923	3·9505109	8973	3·9529377
8824	3·9456655	8874	3·9481194	8924	3·9505596	8974	3·9529861
8825	3·9457147	8875	3·9481684	8925	3·9506082	8975	3·9530345
8826	3·9457639	8876	3·9482173	8926	3·9506569	8976	3·9530829
8827	3·9458131	8877	3·9482662	8927	3·9507055	8977	3·9531312
8828	3·9458623	8878	3·9483151	8928	3·9507542	8978	3·9531796
8829	3·9459115	8879	3·9483641	8929	3·9508028	8979	3·9532280
8830	3·9459607	8880	3·9484130	8930	3·9508515	8980	3·9532763
8831	3·9460099	8881	3·9484619	8931	3·9509001	8981	3·9533247
8832	3·9460591	8882	3·9485108	8932	3·9509487	8982	3·9533730
8833	3·9461082	8883	3·9485597	8933	3·9509973	8983	3·9534214
8834	3·9461574	8884	3·9486085	8934	3·9510459	8984	3·9534697
8835	3·9462066	8885	3·9486574	8935	3·9510946	8985	3·9535181
8836	3·9462557	8886	3·9487063	8936	3·9511432	8986	3·9535664
8837	3·9463048	8887	3·9487552	8937	3·9511918	8987	3·9536147
8838	3·9463540	8888	3·9488040	8938	3·9512404	8988	3·9536631
8839	3·9464031	8889	3·9488529	8939	3·9512889	8989	3·9537114
8840	3·9464523	8890	3·9489018	8940	3·9513375	8990	3·9537597
8841	3·9465014	8891	3·9489506	8941	3·9513861	8991	3·9538080
8842	3·9465505	8892	3·9489995	8942	3·9514347	8992	3·9538564
8843	3·9465995	8893	3·9490483	8943	3·9514832	8993	3·9539047
8844	3·9466487	8894	3·9490971	8944	3·9515318	8994	3·9539529
8845	3·9466978	8895	3·9491460	8945	3·9515804	8995	3·9540013
8846	3·9467469	8896	3·9491948	8946	3·9516289	8996	3·9540496
8847	3·9467960	8897	3·9492436	8947	3·9516775	8997	3·9540977
8848	3·9468451	8898	3·9492924	8948	3·9517260	8998	3·9541460
8849	3·9468942	8899	3·9493412	8949	3·9517745	8999	3·9541944
8850	3·9469433	8900	3·9493900	8950	3·9518230	9000	3·9542427

Num	Logarith.	Num	Logarith.	Num	Logarith.	Num	Logarith.
9000	3.9542425	9050	3.9560486	9100	3.9590414	9150	3.9614211
9001	3.9542903	9051	3.9560966	9101	3.9590891	9151	3.9614686
9002	3.9543380	9052	3.9561445	9102	3.9591368	9152	3.9615160
9003	3.9543872	9053	3.9561925	9103	3.9591845	9153	3.9615635
9004	3.9544355	9054	3.9562405	9104	3.9592322	9154	3.9616109
9005	3.9544827	9055	3.9562885	9105	3.9592799	9155	3.9616583
9006	3.9545319	9056	3.9563364	9106	3.9593276	9156	3.9617058
9007	3.9545802	9057	3.9563844	9107	3.9593753	9157	3.9617532
9008	3.9546284	9058	3.9564323	9108	3.9594230	9158	3.9618006
9009	3.9546766	9059	3.9564803	9109	3.9594707	9159	3.9618481
9010	3.9547248	9060	3.9565282	9110	3.9595184	9160	3.9618955
9011	3.9547730	9061	3.9565761	9111	3.9595660	9161	3.9619429
9012	3.9548212	9062	3.9566241	9112	3.9596137	9162	3.9619903
9013	3.9548694	9063	3.9566720	9113	3.9596614	9163	3.9620377
9014	3.9549176	9064	3.9567199	9114	3.9597090	9164	3.9620851
9015	3.9549657	9065	3.9567678	9115	3.9597567	9165	3.9621325
9016	3.9550139	9066	3.9568157	9116	3.9598043	9166	3.9621798
9017	3.9550621	9067	3.9568636	9117	3.9598520	9167	3.9622272
9018	3.9551102	9068	3.9569115	9118	3.9598996	9168	3.9622746
9019	3.9551584	9069	3.9569594	9119	3.9599472	9169	3.9623220
9020	3.9552065	9070	3.9570073	9120	3.9599948	9170	3.9623693
9021	3.9552547	9071	3.9570552	9121	3.9600425	9171	3.9624167
9022	3.9553028	9072	3.9571030	9122	3.9600901	9172	3.9624640
9023	3.9553510	9073	3.9571509	9123	3.9601377	9173	3.9625114
9024	3.9553991	9074	3.9571988	9124	3.9601853	9174	3.9625587
9025	3.9554472	9075	3.9572466	9125	3.9602329	9175	3.9626061
9026	3.9554953	9076	3.9572945	9126	3.9602805	9176	3.9626534
9027	3.9555434	9077	3.9573423	9127	3.9603280	9177	3.9627007
9028	3.9555915	9078	3.9573902	9128	3.9603756	9178	3.9627481
9029	3.9556397	9079	3.9574380	9129	3.9604232	9179	3.9627954
9030	3.9556877	9080	3.9574858	9130	3.9604708	9180	3.9628427
9031	3.9557358	9081	3.9575337	9131	3.9605183	9181	3.9628900
9032	3.9557839	9082	3.9575815	9132	3.9605659	9182	3.9629373
9033	3.9558320	9083	3.9576293	9133	3.9606135	9183	3.9629846
9034	3.9558801	9084	3.9576771	9134	3.9606610	9184	3.9630319
9035	3.9559282	9085	3.9577249	9135	3.9607086	9185	3.9630792
9036	3.9559762	9086	3.9577727	9136	3.9607561	9186	3.9631264
9037	3.9560243	9087	3.9578205	9137	3.9608036	9187	3.9631737
9038	3.9560723	9088	3.9578683	9138	3.9608512	9188	3.9632210
9039	3.9561204	9089	3.9579161	9139	3.9608987	9189	3.9632683
9040	3.9561684	9090	3.9579639	9140	3.9609462	9190	3.9633155
9041	3.9562165	9091	3.9580117	9141	3.9609937	9191	3.9633628
9042	3.9562645	9092	3.9580594	9142	3.9610412	9192	3.9634100
9043	3.9563125	9093	3.9581072	9143	3.9610887	9193	3.9634573
9044	3.9563605	9094	3.9581549	9144	3.9611362	9194	3.9635045
9045	3.9564085	9095	3.9582027	9145	3.9611837	9195	3.9635517
9046	3.9564565	9096	3.9582504	9146	3.9612312	9196	3.9635990
9047	3.9565046	9097	3.9582982	9147	3.9612787	9197	3.9636462
9048	3.9565526	9098	3.9583459	9148	3.9613262	9198	3.9636934
9049	3.9566006	9099	3.9583937	9149	3.9613736	9199	3.9637406
9050	3.9566486	9100	3.9590414	9150	3.9614211	9200	3.9637878

Num.	Logarith.	Num.	Logarith.	Num.	Logarith.	Num.	Logarith.
9200	3·9637878	9250	3·9661417	9300	3·9684829	9350	3·9708116
9201	3·9638350	9251	3·9661887	9301	3·9685296	9351	3·9708581
9202	3·9638822	9252	3·9662356	9302	3·9685763	9352	3·9709045
9203	3·9639294	9253	3·9662826	9303	3·9686230	9353	3·9709509
9204	3·9639766	9254	3·9663295	9304	3·9686697	9354	3·9709974
9205	3·9640238	9255	3·9663764	9305	3·9687164	9355	3·9710438
9206	3·9640710	9256	3·9664233	9306	3·9687630	9356	3·9710902
9207	3·9641181	9257	3·9664703	9307	3·9688097	9357	3·97.1366
9208	3·9641653	9258	3·9665172	9308	3·9688564	9358	3·9711830
9209	3·9642125	9259	3·9665641	9309	3·9689030	9359	3·9712294
9210	3·9642596	9260	3·9666110	9310	3·9689497	9360	3·9712758
9211	3·9643068	9261	3·9666579	9311	3·9689963	9361	3·9713222
9212	3·9643539	9262	3·9667048	9312	3·9690430	9362	3··713686
9213	3·9644011	9263	3·9667517	9313	3·9690896	9363	3·9714150
9214	3·9644482	9264	3·9667985	9314	3·9691362	9364	3··714614
9215	3·9644953	9265	3·9668454	9315	3·9691829	9365	3·9715078
9216	3·9645425	9266	3·9668923	9316	3·9692295	9366	3·9715542
9217	3·9645896	9267	3·9669392	9317	3·9692761	9367	3·9716005
9218	3·9646367	9268	3·9669860	9318	3·9693227	9368	3·9716469
9219	3·9646838	9269	3·9670329	9319	3·9693693	9369	3·9716932
9220	3·9647309	9270	3·9670797	9320	3·9694159	9370	3·9717396
9221	3·9647780	9271	3·9671266	9321	3·9694625	9371	3·9717859
9222	3·9648251	9272	3·9671734	9322	3·9695091	9372	3·9718323
9223	3·9648722	9273	3·9672203	9323	3·9695557	9373	3·9718786
9224	3·9649193	9274	3·9672671	9324	3·9696023	9374	3·9719249
9225	3·9649664	9275	3·9673139	9325	3·9696488	9375	3·9719713
9226	3·9650134	9276	3·9673607	9326	3·9696954	9376	3·9720176
9227	3·9650605	9277	3·9674076	9327	3·9697420	9377	3·9720639
9228	3·9651076	9278	3·9674544	9328	3·9697885	9378	3·9721102
9229	3·9651546	9279	3·9675012	9329	3·9698351	9379	3·9721565
9230	3·9652017	9280	3·9675480	9330	3·9698816	9380	3·9722028
9231	3·9652488	9281	3·9675948	9331	3·9699282	9381	3·9722491
9232	3·9652958	9282	3·9676416	9332	3·9699747	9382	3·9722954
9233	3·9653428	9283	3·9676883	9333	3·9700213	9383	3·9723417
9234	3·9653899	9284	3·9677351	9334	3·9700678	9384	3·9723880
9235	3·9654369	9285	3·9677819	9335	3·9701143	9385	3·9724343
9236	3·9654839	9286	3·9678287	9336	3·9701608	9386	3·9724805
9237	3·9655309	9287	3·9678754	9337	3·9702074	9387	3·9725268
9238	3·9655780	9288	3·9679222	9338	3·9702539	9388	3·9725731
9239	3·9656250	9289	3·9679690	9339	3·9703004	9389	3·9726193
9240	3·9656720	9290	3·9680157	9340	3·9703469	9390	3·9726656
9241	3·9657190	9291	3·9680625	9341	3·9703934	9391	3·9727118
9242	3·9657660	9292	3·9681092	9342	3·9704399	9392	3·9727581
9243	3·9658130	9293	3·9681559	9343	3·9704863	9393	3·9728043
9244	3·9658599	9294	3·9682027	9344	3·9705328	9394	3·9728506
9245	3·9659069	9295	3·9682494	9345	3·9705793	9395	3·9728968
9246	3·9659539	9296	3·9682961	9346	3·9706258	9396	3·9729430
9247	3·9660009	9297	3·9683428	9347	3·9706722	9397	3·9729892
9248	3·9660478	9298	3·9683895	9348	3·9707187	9398	3·9730354
9249	3·9660948	9299	3·9684362	9349	3·9707652	9399	3·9730816
9250	3·9661417	9300	3·9684829	9350	3·9708116	9400	3·9731279

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9402	3·9732202
9403	3·9732664
9404	3·9733126
9405	3·9733588
9406	3·9734050
9407	3·9734511
9408	3·9734973
9409	3·9735435
9410	3·9735896
9411	3·9736358
9412	3·9736819
9413	3·9737281
9414	3·9737742
9415	3·9738203
9416	3·9738664
9417	3·9739126
9418	3·9739587
9419	3·9740048
9420	3·9740509
9421	3·9740970
9422	3·9741431
9423	3·9741892
9424	3·9742353
9425	3·9742814
9426	3·9743274
9427	3·9743735
9428	3·9744196
9429	3·9744656
9430	3·9745117
9431	3·9745577
9432	3·9746038
9433	3·9746498
9434	3·9746959
9435	3·9747419
9436	3·9747879
9437	3·9748340
9438	3·9748800
9439	3·9749260
9440	3·9749720
9441	3·9750180
9442	3·9750640
9443	3·9751100
9444	3·9751560
9445	3·9752020
9446	3·9752479
9447	3·9752939
9448	3·9753399
9449	3·9753858
9450	3·9754318

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9451	3·9754778
9452	3·9755237
9453	3·9755697
9454	3·9756156
9455	3·9756615
9456	3·9757075
9457	3·9757534
9458	3·9757993
9459	3·9758452
9460	3·9758911
9461	3·9759370
9462	3·9759829
9463	3·9760288
9464	3·9760747
9465	3·9761206
9466	3·9761665
9467	3·9762124
9468	3·9762582
9469	3·9763041
9470	3·9763500
9471	3·9763958
9472	3·9764417
9473	3·9764875
9474	3·9765334
9475	3·9765792
9476	3·9766251
9477	3·9766709
9478	3·9767167
9479	3·9767625
9480	3·9768083
9481	3·9768541
9482	3·9768999
9483	3·9769457
9484	3·9769915
9485	3·9770373
9486	3·9770831
9487	3·9771289
9488	3·9771747
9489	3·9772204
9490	3·9772662
9491	3·9773120
9492	3·9773577
9493	3·9774035
9494	3·9774492
9495	3·9774950
9496	3·9775407
9497	3·9775864
9498	3·9776322
9499	3·9776779
9500	3·9777236

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9504	3·9779064
9505	3·9779521
9506	3·9779978
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9510	3·9781805
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9519	3·9785913
9520	3·9786369
9521	3·9786826
9522	3·9787282
9523	3·9787738
9524	3·9788194
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9526	3·9789106
9527	3·9789562
9528	3·9790017
9529	3·9790473
9530	3·9790929
9531	3·9791385
9532	3·9791840
9533	3·9792296
9534	3·9792751
9535	3·9793207
9536	3·9793662
9537	3·9794118
9538	3·9794573
9539	3·9795028
9540	3·9795484
9541	3·9795939
9542	3·9796394
9543	3·9796849
9544	3·9797304
9545	3·9797759
9546	3·9798214
9547	3·9798669
9548	3·9799124
9549	3·9799579
9550	3·9800034

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9552	3·9800943
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9554	3·9801852
9555	3·9802307
9556	3·9802761
9557	3·9803216
9558	3·9803670
9559	3·9804125
9560	3·9804579
9561	3·9805033
9562	3·9805487
9563	3·9805942
9564	3·9806396
9565	3·9806850
9566	3·9807304
9567	3·9807758
9568	3·9808212
9569	3·9808666
9570	3·9809119
9571	3·9809573
9572	3·9810027
9573	3·9810481
9574	3·9810934
9575	3·9811388
9576	3·9811841
9577	3·9812295
9578	3·9812748
9579	3·9813202
9580	3·9813655
9581	3·9814108
9582	3·9814562
9583	3·9815015
9584	3·9815468
9585	3·9815921
9586	3·9816374
9587	3·9816827
9588	3·9817280
9589	3·9817733
9590	3·9818186
9591	3·9818639
9592	3·9819092
9593	3·9819544
9594	3·9819997
9595	3·9820450
9596	3·9820902
9597	3·9821355
9598	3·9821807
9599	3·9822260
9600	3·9822712

Num	Logarith.	Num	Logarith	Num	Logarith.	Num	Logarith.
9600	3.9822712	9650	3.9845273	9700	3.9867717	9750	3.9890046
9601	3.9823165	9651	3.9845723	9701	3.9868165	9751	3.9890492
9602	3.9823617	9652	3.9846173	9702	3.9868613	9752	3.9890937
9603	3.9824069	9653	3.9846623	9703	3.9869060	9753	3.9891382
9604	3.9824522	9654	3.9847073	9704	3.9869508	9754	3.9891828
9605	3.9824974	9655	3.9847523	9705	3.9869955	9755	3.9892273
9606	3.9825426	9656	3.9847973	9706	3.9870403	9756	3.9892718
9607	3.9825878	9657	3.9848422	9707	3.9870850	9757	3.9893163
9608	3.9826330	9658	3.9848872	9708	3.9871298	9758	3.9893608
9609	3.9826782	9659	3.9849322	9709	3.9871745	9759	3.9894053
9610	3.9827234	9660	3.9849771	9710	3.9872192	9760	3.9894498
9611	3.9827686	9661	3.9850221	9711	3.9872640	9761	3.9894943
9612	3.9828138	9662	3.9850670	9712	3.9873087	9762	3.9895388
9613	3.9828589	9663	3.9851120	9713	3.9873534	9763	3.9895833
9614	3.9829041	9664	3.9851569	9714	3.9873981	9764	3.9896278
9615	3.9829493	9665	3.9852019	9715	3.9874428	9765	3.9896722
9616	3.9829945	9666	3.9852468	9716	3.9874875	9766	3.9897167
9617	3.9830396	9667	3.9852917	9717	3.9875322	9767	3.9897612
9618	3.9830848	9668	3.9853366	9718	3.9875769	9768	3.9898056
9619	3.9831299	9669	3.9853816	9719	3.9876216	9769	3.9898501
9620	3.9831751	9670	3.9854265	9720	3.9876663	9770	3.9898946
9621	3.9832202	9671	3.9854714	9721	3.9877109	9771	3.9899390
9622	3.9832654	9672	3.9855163	9722	3.9877556	9772	3.9899835
9623	3.9833105	9673	3.9855612	9723	3.9878003	9773	3.9900279
9624	3.9833556	9674	3.9856061	9724	3.9878449	9774	3.9900723
9625	3.9834007	9675	3.9856510	9725	3.9878896	9775	3.9901168
9626	3.9834459	9676	3.9856959	9726	3.9879343	9776	3.9901612
9627	3.9834910	9677	3.9857407	9727	3.9879789	9777	3.9902056
9628	3.9835361	9678	3.9857856	9728	3.9880236	9778	3.9902500
9629	3.9835812	9679	3.9858305	9729	3.9880682	9779	3.9902944
9630	3.9836263	9680	3.9858754	9730	3.9881128	9780	3.9903389
9631	3.9836714	9681	3.9859202	9731	3.9881575	9781	3.9903833
9632	3.9837165	9682	3.9859651	9732	3.9882021	9782	3.9904277
9633	3.9837616	9683	3.9860099	9733	3.9882467	9783	3.9904721
9634	3.9838066	9684	3.9860548	9734	3.9882913	9784	3.9905164
9635	3.9838517	9685	3.9860996	9735	3.9883360	9785	3.9905608
9636	3.9838968	9686	3.9861445	9736	3.9883806	9786	3.9906052
9637	3.9839419	9687	3.9861893	9737	3.9884252	9787	3.9906496
9638	3.9839869	9688	3.9862341	9738	3.9884698	9788	3.9906940
9639	3.9840320	9689	3.9862790	9739	3.9885144	9789	3.9907383
9640	3.9840770	9690	3.9863238	9740	3.9885590	9790	3.9907827
9641	3.9841221	9691	3.9863686	9741	3.9886035	9791	3.9908270
9642	3.9841671	9692	3.9864134	9742	3.9886481	9792	3.9908714
9643	3.9842122	9693	3.9864582	9743	3.9886927	9793	3.9909158
9644	3.9842572	9694	3.9865030	9744	3.9887373	9794	3.9909601
9645	3.9843022	9695	3.9865478	9745	3.9887818	9795	3.9910044
9646	3.9843473	9696	3.9865926	9746	3.9888264	9796	3.9910488
9647	3.9843923	9697	3.9866374	9747	3.9888710	9797	3.9910931
9648	3.9844373	9698	3.9866822	9748	3.9889155	9798	3.9911374
9649	3.9844823	9699	3.9867270	9749	3.9889601	9799	3.9911818
9650	3.9845273	9700	3.9867717	9750	3.9890046	9800	3.9912261

Num	Logarith.	Num	Logarith.	Num	Logarith.	Num	Logarith.
9800	3.9912201	9850	3.9934562	9900	3.9956352	9950	3.9978231
9801	3.9912704	9851	3.9935063	9901	3.9956851	9951	3.9978667
9802	3.9913147	9852	3.9935544	9902	3.9957229	9952	3.9979104
9803	3.9913590	9853	3.9936085	9903	3.9957658	9953	3.9979540
9804	3.9914033	9854	3.9936126	9904	3.9958106	9954	3.9979976
9805	3.9914476	9855	3.9936566	9905	3.9958545	9955	3.9980413
9806	3.9914919	9856	3.9937007	9906	3.9958983	9956	3.9980849
9807	3.9915362	9857	3.9937448	9907	3.9959422	9957	3.9981285
9808	3.9915805	9858	3.9937888	9908	3.9959860	9958	3.9981721
9809	3.9916247	9859	3.9938329	9909	3.9960298	9959	3.9982157
9810	3.9916690	9860	3.9938769	9910	3.9960737	9960	3.9982593
9811	3.9917133	9861	3.9939210	9911	3.9961175	9961	3.9983029
9812	3.9917575	9862	3.9939650	9912	3.9961613	9962	3.9983465
9813	3.9918018	9863	3.9940090	9913	3.9962051	9963	3.9983901
9814	3.9918461	9864	3.9940531	9914	3.9962489	9964	3.9984337
9815	3.9918903	9865	3.9940971	9915	3.9962927	9965	3.9984773
9816	3.9919345	9866	3.9941411	9916	3.9963365	9966	3.9985209
9817	3.9919788	9867	3.9941851	9917	3.9963803	9967	3.9985645
9818	3.9920230	9868	3.9942291	9918	3.9964241	9968	3.9986080
9819	3.9920673	9869	3.9942731	9919	3.9964679	9969	3.9986516
9820	3.9921115	9870	3.9943172	9920	3.9965117	9970	3.9986952
9821	3.9921557	9871	3.9943612	9921	3.9965554	9971	3.9987387
9822	3.9921999	9872	3.9944051	9922	3.9965992	9972	3.9987823
9823	3.9922441	9873	3.9944491	9923	3.9966430	9973	3.9988258
9824	3.9922883	9874	3.9944931	9924	3.9966868	9974	3.9988694
9825	3.9923325	9875	3.9945371	9925	3.9967305	9975	3.9989129
9826	3.9923767	9876	3.9945811	9926	3.9967743	9976	3.9989564
9827	3.9924210	9877	3.9946251	9927	3.9968180	9977	3.9990000
9828	3.9924651	9878	3.9946690	9928	3.9968618	9978	3.9990435
9829	3.9925093	9879	3.9947130	9929	3.9969055	9979	3.9990870
9830	3.9925535	9880	3.9947569	9930	3.9969492	9980	3.9991305
9831	3.9925977	9881	3.9948009	9931	3.9969930	9981	3.9991741
9832	3.9926419	9882	3.9948448	9932	3.9970367	9982	3.9992176
9833	3.9926860	9883	3.9948888	9933	3.9970804	9983	3.9992611
9834	3.9927302	9884	3.9949327	9934	3.9971241	9984	3.9993046
9835	3.9927744	9885	3.9949767	9935	3.9971679	9985	3.9993481
9836	3.9928185	9886	3.9950206	9936	3.9972116	9986	3.9993916
9837	3.9928627	9887	3.9950645	9937	3.9972553	9987	3.9994350
9838	3.9929068	9888	3.9951085	9938	3.9972990	9988	3.9994785
9839	3.9929510	9889	3.9951524	9939	3.9973427	9989	3.9995220
9840	3.9929951	9890	3.9951963	9940	3.9973864	9990	3.9995655
9841	3.9930392	9891	3.9952402	9941	3.9974301	9991	3.9996090
9842	3.9930834	9892	3.9952841	9942	3.9974738	9992	3.9996524
9843	3.9931275	9893	3.9953280	9943	3.9975174	9993	3.9996959
9844	3.9931716	9894	3.9953719	9944	3.9975611	9994	3.9997393
9845	3.9932157	9895	3.9954158	9945	3.9976048	9995	3.9997828
9846	3.9932595	9896	3.9954597	9946	3.9976485	9996	3.9998262
9847	3.9933039	9897	3.9955036	9947	3.9976921	9997	3.9998697
9848	3.9933480	9898	3.9955474	9948	3.9977358	9998	3.9999131
9849	3.9933921	9899	3.9955913	9949	3.9977794	9999	3.9999566
9850	3.9934362	9900	3.9956352	9950	3.9978231	10000	4.0000000

Grad. 0.						
				86006		50
50	85999		1670	84336		49
51	84329		1606	82730		48
52	82723		1543	81184		47
53	81177		1490	79694		46
54	79687		1436	78258		45
55	78251					
			1385	76873		44
56	76866		1337	75536		43
57	75529		1291	74245		42
58	74238		1248	72998		41
59	72990		1207	71791		40
60	71783					
			1167	70624		39
61	70616		1130	69494		38
62	69486		1095	68400		37
63	68391		1060	67340		36
64	67331		1028	66312		35
65	66303					
			997	65315		34
66	65306		968	64347		33
67	64338		939	63408		32
68	63399		913	62496		31
69	62486		885	61608		30
70	61600					
			862	60748		29
71	60738		838	59910		28
72	59900		815	59095		27
73	59085		793	58303		26
74	58292		772	57530		25
75	57520					
			752	56778		24
76	56768		733	56046		23
77	56035		714	55332		22
78	55321		696	54636		21
79	54625		678	53958		20
80	53947					
			662	53296		19
81	53285		646	52650		18
82	52639		631	52019		17
83	52008		615	51404		16
84	51393		602	50803		15
85	50791					
			587	50216		14
86	50204		574	49642		13
87	49630		561	49081		12
88	49069		548	48533		11
89	48521		536	47997		10
90	47985					
			525	47472		9
91	47466		513	46959		8
92	46947		502	46457		7
93	46445		492	45966		6
94	45953		481	45485		5
95	45472					
			471	45014		4
96	45001		462	44552		3
97	44539		452	44100		2
98	44087		443	43657		1
99	43644		435	43223		0
100	43209					
Grad. 89.	D. 1ª		D. 2ª	D. 1ª		

Grad. 1.						
1	42734		425	42297		99
2	42366		418	42380		98
3	41957		409	41970		97
4	41555		402	41569		96
5	41161		394	41175		95
6	40774		387	40789		94
7	40395		379	40409		93
8	40023		372	40037		92
9	39657		366	39672		91
10	39293		359	39313		90
11	38945		352	38960		89
12	38599		347	38614		88
13	38259		340	38274		87
14	37925		334	37940		86
15	37595		329	37612		85
16	37274		322	37239		84
17	36956		318	36972		83
18	36644		312	36660		82
19	36338		306	36353		81
20	36036		302	36052		80
21	35733		297	35755		79
22	35437		292	35464		78
23	35100		287	35177		77
24	34878		282	34892		76
25	34600		276	34616		75
26	34326		274	34343		74
27	34057		269	34074		73
28	33792		265	33809		72
29	33531		261	33548		71
30	33274		257	33291		70
31	33021		253	33038		69
32	32771		250	32789		68
33	32521		245	32543		67
34	32284		242	32302		66
35	32045		239	32363		65
36	31811		234	31829		64
37	31579		232	31597		63
38	31351		228	31369		62
39	31126		225	31145		61
40	30905		221	30925		60
41	30686		219	30705		59
42	30471		215	30490		58
43	30258		213	30277		57
44	30049		209	30068		56
45	29842		207	29861		55
46	29638		204	29655		54
47	29437		201	29457		53
48	29239		198	29250		52
49	29043		196	29046		51
50	28850		193	28853		50
Grad. 88.			D. 2ª	D. 1ª		

Grad. 1.					
51	28660	190	28680	49	
52	28472	188	28492	48	
53	28286	186	28306	47	
54	28103	183	2812	46	
55	27922	181	27942	45	
56	27744	178	27764	44	
57	27567	177	27588	43	
58	27393	174	27414	42	
59	27221	172	27243	41	
60	27052	169	27073	40	
61	26884	168	26926	39	
62	26719	165	26740	38	
63	26555	164	26577	37	
64	26394	161	26415	36	
65	26234	160	26256	35	
66	26076	158	26099	34	
67	25921	155	25943	33	
68	25767	154	25789	32	
69	25615	152	25637	31	
70	25464	151	25487	30	
71	25316	148	25338	29	
72	25169	147	25192	28	
73	25024	145	25047	27	
74	24880	144	24903	26	
75	24738	142	24762	25	
76	24598	140	24622	24	
77	24460	138	24483	23	
78	24322	137	24346	22	
79	24187	135	24211	21	
80	24053	134	24077	20	
81	23920	133	23944	19	
82	23789	131	23813	18	
83	23659	130	23684	17	
84	23531	128	23555	16	
85	23404	127	23429	15	
86	23278	126	2 3303	14	
87	23154	124	23179	13	
88	23031	123	23056	2	
89	22910	121	22935	11	
90	22789	121	22814	10	
91	22670	119	22696	9	
92	22552	118	22578	8	
93	22436	117	22461	7	
94	22320	116	22346	6	
95	22206	114	22232	5	
96	22093	113	22119	4	
97	21981	112	22007	3	
98	21870	111	21896	2	
99	21760	110	21787	1	
100	21652	108	21678	0	
Grad. 88.	D. 1ª	D. 2ª	D. 1		

Grad. 2.					
1	21544	108	21571	99	
2	21438	106	21465	98	
3	21332	106	21359	97	
4	21228	104	21255	96	
5	21125	103	21152	95	
6	21022	102	21049	94	
7	20921	101	20948	93	
8	20820	101	20848	92	
9	20721	99	20749	91	
10	20622	99	20650	90	
11	20525	97	20553	89	
12	20428	97	20456	88	
13	20332	96	20360	87	
14	20237	95	20266	86	
15	20143	94	20172	85	
16	20050	93	20079	84	
17	19958	92	19987	83	
18	19867	91	19895	82	
19	19776	91	19805	81	
20	19686	90	19715	80	
21	19597	89	19626	79	
22	19509	88	19539	78	
23	19422	87	19451	77	
24	19335	87	19365	76	
25	19249	86	19279	75	
26	19164	85	19194	74	
27	19080	84	19110	73	
28	18996	84	19027	72	
29	18913	83	18944	71	
30	18831	82	18862	70	
31	18750	81	18780	69	
32	18669	81	18700	68	
33	18589	80	18620	67	
34	18510	80	18541	66	
35	18431	79	18462	65	
36	18353	78	18384	64	
37	18276	77	18307	63	
38	18199	77	18230	62	
39	18123	76	18155	61	
40	18047	76	18079	60	
41	17972	75	18005	59	
42	17898	74	17930	58	
43	17825	73	17857	57	
44	17752	73	17784	56	
45	17679	73	17712	55	
46	17608	72	17640	54	
47	17536	72	17569	53	
48	17466	71	17499	52	
49	17396	70	17429	51	
50	17325	70	17359	50	
Grad. 87.	D. 1ª	D. 2ª	D. 1ª		

Grad. 2.

51	17257	69
52	17189	68
53	17121	68
54	17053	67
55	16986	67
56	16920	66
57	16854	66
58	16789	65
59	16724	65
60	16660	64
61	16596	64
62	16533	63
63	16470	63
64	16408	62
65	16346	62
66	16284	62
67	16224	61
68	16163	61
69	16103	60
70	16043	60
71	15984	59
72	15925	59
73	15867	58
74	15809	58
75	15752	57
76	15695	57
77	15638	57
78	15582	56
79	15526	56
80	15471	55
81	15416	55
82	15361	55
83	15307	54
84	15253	54
85	15199	54
86	15146	53
87	15093	53
88	15041	52
89	14989	52
90	14937	52
91	14886	51
92	14835	51
93	14784	51
94	14734	50
95	14684	50
96	14634	50
97	14585	49
98	14536	49
99	14487	49
100	14439	48

Grad. 87.

D. 1°	2°.	D. 1'
17290	49	
17222	48	
17154	47	
17087	46	
17020	45	
16954	44	
16889	43	
16823	42	
16759	41	
16695	40	
16631	39	
16568	38	
16505	37	
16443	36	
16381	35	
16320	34	
16259	33	
16199	32	
16139	31	
16079	30	
16020	29	
15961	28	
15903	27	
15846	26	
15788	25	
15731	24	
15675	23	
15619	22	
15563	21	
15508	20	
15453	19	
15398	18	
15344	17	
15290	16	
15237	15	
15184	14	
15131	13	
15070	12	
15027	11	
14976	10	
14924	9	
14874	8	
14823	7	
14773	6	
14723	5	
14674	4	
14624	3	
14576	2	
14520	1	
14479	0	

Grad. 3.

1	14391	48
2	14343	48
3	14296	47
4	14249	47
5	14202	47
6	14156	46
7	14110	46
8	14064	46
9	14018	46
10	13973	45
11	13928	45
12	13883	45
13	13839	44
14	13795	44
15	13751	44
16	13708	43
17	13665	43
18	13622	43
19	13579	43
20	13536	43
21	13494	42
22	13452	42
23	13410	42
24	13369	41
25	13328	41
26	13287	41
27	13246	41
28	13205	40
29	13166	40
30	13126	40
31	13086	40
32	13047	39
33	13008	39
34	12969	39
35	12930	39
36	12891	39
37	12853	38
38	12815	38
39	12777	38
40	12740	38
41	12702	38
42	12665	37
43	12628	37
44	12591	37
45	12555	37
46	12518	37
47	12482	36
48	12446	36
49	12411	36
50	12375	36

Grad. 86.

D. 1°	2d.	D. 1d
14431	99	
14383	98	
14336	97	
14289	96	
14243	95	
14197	94	
14151	93	
14105	92	
14059	91	
14014	90	
13970	89	
13925	88	
13880	87	
13837	86	
13793	85	
13750	84	
13707	83	
13664	82	
13621	81	
13579	80	
13537	79	
13495	78	
13453	77	
13412	76	
13371	75	
13330	74	
13290	73	
13250	72	
13210	71	
13170	70	
13130	69	
13091	68	
13052	67	
13013	66	
13974	65	
12936	64	
12898	63	
12860	62	
12822	61	
12785	60	
12747	59	
12710	58	
12674	57	
12637	56	
12601	55	
12564	54	
12528	53	
12493	52	
12457	51	
12422	50	

Grad. 3.	D. 1ª	2ª.	D. 1ª	
51	12340	35	12387	49
52	12305	35	12352	48
53	12270	35	12317	47
54	12235	35	12282	46
55	12200	35	12248	45
56	12166	34	12214	44
57	12132	34	12180	43
58	12098	34	12146	42
59	12065	34	12112	41
60	12031	34	12079	40
61	11998	33	12046	39
62	11965	33	12013	38
63	11932	33	11980	37
64	11899	33	11947	36
65	11866	33	11915	35
66	11833	33	11882	34
67	11801	32	11850	33
68	11769	32	11818	32
69	11737	32	11786	31
70	11706	32	11755	30
71	11674	32	11723	29
72	11642	32	11692	28
73	11611	31	11661	27
74	11580	31	11630	26
75	11549	31	11599	25
76	11518	31	11568	24
77	11488	31	11538	23
78	11457	31	11508	22
79	11427	30	11477	21
80	11397	30	11447	20
81	11367	30	11417	19
82	11337	30	11388	18
83	11308	30	11358	17
84	11278	30	11329	16
85	11249	29	11300	15
86	11220	29	11271	14
87	11191	29	11242	13
88	11162	29	11213	12
89	11133	29	11184	11
90	11104	29	11156	10
91	11076	28	11128	9
92	11048	28	11100	8
93	11019	28	11071	7
94	10991	28	11044	6
95	10963	28	11016	5
96	10936	28	10988	4
97	10908	28	10961	3
98	10881	27	10933	2
99	10853	27	10906	1
100	10826	27	10879	0

Grad. 4.	D. 1ª	2ª.	D. 1ª	
1	10799	27	10852	99
2	10772	27	10826	98
3	10745	27	10799	97
4	10719	27	10772	96
5	10692	27	10746	95
6	10665	26	10720	94
7	10640	26	10694	93
8	10613	26	10668	92
9	10587	26	10642	91
10	10562	26	10616	90
11	10536	26	10590	89
12	10510	26	10565	88
13	10485	25	10539	87
14	10459	25	10514	86
15	10434	25	10489	85
16	10409	25	10464	84
17	10384	25	10439	83
18	10359	25	10414	82
19	10334	25	10390	81
20	10310	25	10365	80
21	10285	25	10341	79
22	10261	24	10317	78
23	10236	24	10292	77
24	10212	24	10268	76
25	10188	24	10244	75
26	10164	24	10220	74
27	10140	24	10197	73
28	10116	24	10173	72
29	10093	23	10150	71
30	10069	23	10126	70
31	10046	23	10103	69
32	10022	23	10080	68
33	9999	23	10057	67
34	9976	23	10034	66
35	9953	23	10011	65
36	9930	23	9988	64
37	9907	23	9965	63
38	9885	22	9943	62
39	9862	22	9920	61
40	9840	22	9898	60
41	9817	22	9876	59
42	9795	22	9854	58
43	9773	22	9832	57
44	9751	22	9810	56
45	9729	22	9788	55
46	9707	22	9766	54
47	9685	22	9744	53
48	9663	22	9723	52
49	9642	22	9701	51
50	9620	22	9680	50

Grad. 86. D. 1ª 2ª. D. 1ª Grad. 85.

Grad. 4.

	D.1a.	2a.	D.1a.	
51	9599	21	9659	49
52	9578	21	9638	48
53	9556	21	9617	47
54	9535	21	9596	46
55	9514	21	9575	45
56	9493	21	9554	44
57	9473	21	9533	43
58	9452	21	9513	42
59	9431	21	9492	41
60	9411	20	9472	40
61	9390	20	9451	39
62	9370	20	9431	38
63	9349	20	9411	37
64	9329	20	9391	36
65	9309	20	9371	35
66	9289	20	9351	34
67	9269	20	9331	33
68	9249	20	9311	32
69	9229	20	9292	31
70	9210	20	9272	30
71	9190	20	9253	29
72	9171	19	9233	28
73	9151	19	9214	27
74	9132	19	9195	26
75	9112	19	9175	25
76	9093	19	9156	24
77	9074	19	9137	23
78	9055	19	9118	22
79	9036	19	9099	21
80	9017	19	9081	20
81	8998	19	9062	19
82	8980	19	9044	18
83	8961	19	9025	17
84	8942	18	9007	16
85	8924	18	8988	15
86	8905	18	8970	14
87	8887	18	8952	13
88	8869	18	8934	12
89	8851	18	8916	11
90	8832	18	8898	10
91	8814	18	8880	9
92	8796	18	8862	8
93	8778	18	8844	7
94	8761	18	8826	6
95	8743	18	8809	5
96	8725	18	8791	4
97	8708	18	8774	3
98	8690	18	8756	2
99	8672	18	8739	1
100	8655	17	8722	0

Grad. 85.

Grad. 5.

	D.1a.	2a.	D.1a.	
1	8638	17	8704	99
2	8620	17	8687	98
3	8603	17	8670	97
4	8586	17	8653	96
5	8569	17	8636	95
6	8552	17	8619	94
7	8535	17	8602	93
8	8518	17	8585	92
9	8501	17	8569	91
10	8485	17	8552	90
11	8468	17	8536	89
12	8451	17	8519	88
13	8435	17	8503	87
14	8418	17	8487	86
15	8402	16	8470	85
16	8386	16	8454	84
17	8369	16	8438	83
18	8353	16	8422	82
19	8337	16	8406	81
20	8321	16	8390	80
21	8305	16	8374	79
22	8289	16	8358	78
23	8273	16	8342	77
24	8257	16	8327	76
25	8241	16	8311	75
26	8225	16	8295	74
27	8210	16	8280	73
28	8194	16	8264	72
29	8179	15	8249	71
30	8163	15	8233	70
31	8148	15	8218	69
32	8132	15	8203	68
33	8117	15	8188	67
34	8101	15	8172	66
35	8086	15	8157	65
36	8071	15	8142	64
37	8056	15	8127	63
38	8041	15	8113	62
39	8026	15	8098	61
40	8011	15	8083	60
41	7996	15	8068	59
42	7981	15	8053	58
43	7967	15	8039	57
44	7952	15	8024	56
45	7937	15	8010	55
46	7923	15	7995	54
47	7908	15	7981	53
48	7894	14	7966	52
49	7879	14	7952	51
50	7865	14	7938	50

Grad 84.

D.1a.	2a.	D.1a.

Grad. 5.

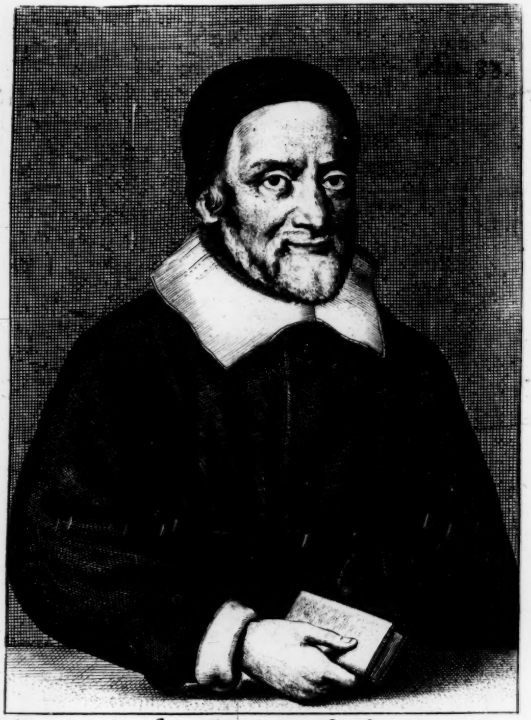
51	7850	14	7924	49
52	7836	14	7909	48
53	7822	14	7895	47
54	7808	14	7881	46
55	7794	14	7867	45
56	7779	14	7853	44
57	7765	14	7839	43
58	7751	14	7826	42
59	7737	14	7812	41
60	7724	14	7798	40
61	7710	14	7784	39
62	7696	14	7771	38
63	7682	14	7757	37
64	7668	14	7743	36
65	7655	14	7730	35
66	7641	14	7716	34
67	7628	14	7703	33
68	7614	14	7690	32
69	7601	14	7676	31
70	7587	13	7663	30
71	7574	13	7650	29
72	7561	13	7637	28
73	7547	13	7624	27
74	7534	13	7610	26
75	7521	13	7597	25
76	7508	13	7584	24
77	7495	13	7571	23
78	7482	13	7558	22
79	7469	13	7546	21
80	7456	13	7533	20
81	7443	13	7520	19
82	7430	13	7507	18
83	7417	13	7495	17
84	7404	13	7482	16
85	7392	13	7469	15
86	7379	13	7457	14
87	7366	13	7444	13
88	7354	13	7432	12
89	7341	13	7419	11
90	7329	13	7407	10
91	7316	13	7395	9
92	7304	12	7382	8
93	7291	12	7370	7
94	7279	12	7358	6
95	7267	12	7346	5
96	7254	12	7333	4
97	7242	12	7321	3
98	7230	12	7309	2
99	7218	12	7297	1
100	7206	12	7285	0
	D. 1a.		D. 1a.	

Grad. 84.

Tabella Æquantium pro partibus 100is.

partes	*æquantes.*		*decimal.*	*æquantes.*		*partes.*
1	0 49 5		99 26	9 62 0		74
2	0 98 0		98 27	9 85 5		73
3	1 45 5		97 28	10 08 0		72
4	1 92 0		96 29	10 29 5		71
5	2 37 5		95 30	10 50 0		70
6	2 82 0		94 31	10 69 5		69
7	3 25 5		93 32	10 88 0		68
8	3 68 0		92 33	11 00 5		67
9	4 09 5		91 34	11 22 0		66
10	4 50 0		90 35	11 37 5		65
11	4 89 5		89 36	11 52 0		64
12	5 28 0		88 37	11 65 5		63
13	5 65 5		87 38	11 78 0		62
14	6 02 0		86 39	11 89 5		61
15	6 37 5		85 40	12 00 0		60
16	6 72 0		84 41	12 09 5		59
17	7 05 5		83 42	12 18 0		58
18	7 38 0		82 43	12 25 5		57
19	7 69 5		81 44	12 32 0		56
20	8 00 0		80 45	12 37 5		55
21	8 29 5		79 46	12 42 0		54
22	8 58 0		78 47	12 45 5		53
23	8 85 5		77 48	12 48 0		52
24	9 12 0		76 49	12 49 5		51
25	9 37 5		75 50	12 50 0		50

Multiplicand. per differentias secundas, abscissis quatuor figuris ultimis.



Hæc est Oughtredi senis Labentis imago.
Itala quem cupijt terra, Britanna tulit.
Notus erat famâ, sat vultu notus in ævum
Ibit, et ingenio vivet imago comes.
Quod si charta refert, veniet cui justior ætas
Debitus auratis stare jubebit honos.

W. Faithorne fec: R.S.

TRIGONOMETRIE,

OR,

The manner of calculating the *Sides* and *Angles* of *Triangles*, by the Mathematical *Canon*, demonstrated.

By *William Oughtred* Etonens.

LONDON,
Printed by *R.* and *W. Leybourn*, for *Thomas Johnson* at the Golden Key in St. *Pauls* Church-yard
M.DC.LVII.

To the right Worſhipful WILLIAM BACKHOUSE of *Swallowfield* Eſq.

SIR,

YOur favourable reception of this Trigonometrie *in the former* Latine *Edition, encourages me to make this ſecond preſentation of it to you, nor will you now I preſume deny it your patronage, although it have learnt another* Language. *The Book and Authour are ſtill the ſame, nor will you finde the leaſt altetation except in the* Rules *for correcting the Canon which was occaſioned*

casioned by a mistake, the number of Figures in the Tables falling short of that required and used in the rules, sprung from the intention of Printing it in octavo, for which volume the number of Figures was resolved on, and upon the changing the Volume forgot to be altered, The reverend Author has both discovered and amended the errour, in the appendix, as farre as could be, as you may there perceive. VVhy this English Edition should so soon follow the Latine, the Stationer is able to give a better account then I, though it may be pleaded that many ingenious men and much addicted to these studies, are yet not qualified to read them in Latine, but are content to have no more Languages then they have tongues: I must confess I am much of their opinion who think translations the greatest enemies of Learning, but do not conceive that censure reaches things of this nature which are sometimes of use to persons who it cannot be expected should understand any

Lang-

Language other then what their Nurſes taught them. But it is not my intent to apologize, if you pleaſe to look upon this as an occaſion taken to make a farther acknowledgement of my obligations to you I have my aime, and ſhall alwayes be ambitious to approve my ſelf

SIR,

Your obliged ſervant and honourer,

R. S.

An explication of the Symbols.

= *Equalitie*

\+ *Addition*

— *Subduction*

× *Multiplication*

:: *Proportionalitie*

Z *The ſumme*

X *The difference*

V̄ *Equivalence in number of degrees*

∠ *Angle*

∠∠ *Angles*

▫ *Rectangle*

⌒ *Conjunct arch*

OF THE MENSURATION OF *TRIANGLES.*

CHAP. I.

Certain prænotions for the calculation of Triangles of both kindes.

I. A Plain Triangle is contained under three right lines: and a Sphericall Triangle under three arches, or periferies of great Circles. For as in a plain Triangle the ſhorteſt ſpace between two points is a right line: So in a Sphere, the ſhorteſt ſpace between two points, is an arch of a Great Circle.

II. A right angled triangle is noted with the letters A B C, ſo as A is alwayes the Right angle, B A the Baſe, C A the Cathetus, B C the Hypotenuſe, B the angle at the Baſe, C the angle at the Cathetus. But an Oblique angled Triangle is noted with the letters B C D; ſo that by a Cathetus from the angle C, it may be divided into two Triangles, having a common Cathetus C A: and then the ſide B D will be the true Baſe, whoſe caſes are B A, & D A, the particular Baſes, and the ſides B C, & D C, will be the Hypotenuſes.

III. In all Triangles, the greater ſide ſubtends the greater angle: and the contrary. And the greater every angle is within the leſſe legs it is included.

IV. In all plain triangles, two angles being given, the third is given alſo: and one angle being given, the ſum of the other two is given: for the three angles together are equall to two right; that is *gr.* 180. But in Sphericall Triangles, the three interior angles exceed two right, which in its place ſhall be demonſtrated.

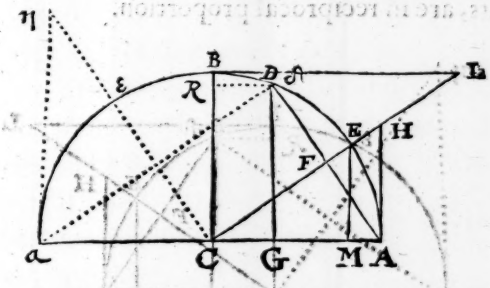
V. In a plain Right angled Triangle, one of the acute angles is the complement of the other: but in a Sphericall right angled triangle, one of the acute angles is greater then the complement of the other. For it follows from the former.

The complement of an arch is ſpoken of an arch leſſe then 90 degrees; *viz.* 90 — arc. and is therefore affirmative. The exceſſe is ſpoken of an arch greater then 90 degrees, and therefore if it be ſubducted out of 90, the difference or exceſs will be negative, with this Symbole — prefixed: as the complement of 52, is 38; the exceſſe of 128, is — 38 negative. The complement of an arch to a Semicircle is called the conjunct,

junct, and is thus noted ' : as 52 ' is 128. Note, that the addition of a negative magnitude is by Subduction, and Subduction by Addition. As the ſum of 45 and + 38, is 7: and the difference of 45 and — 38, is 83.

VI. An arch and its Conjunct, as 52 and 128, have the ſame right Sine, Tangent and Secant.

VII. The Verſed Sine of an arch leſſe then a Quadrant, is leſſe then the Radius: of a biger, biger: and in both, the difference from the Radius, is the ſine of the complement of the ſaid arch. The verſed ſine of 52 is the Radius — s co 52. The Verſed ſine of 128, is the Radius + s co 52. The Verſed ſine of the arch A E D, is G A = C A — D R. And the Verſed ſine of the conjunct arch $\alpha \varepsilon \delta$, is C α + D R.



VIII. As the Tangent of an arch, is to the Radius, ſo is the Radius, to the Tangent of the complement.

t ar . Rad. :: Rad. . t co arc.

For,

AH . CA :: CB . BL.

IX. As the ſine of an arch is to the Radius, ſo is the Radius, to the Secant of the complement.

s arc. Rad :: Rad. se co arc.

For

EM. EC :: CB. CL.

And this is the manner of finding the secant of an arch, if the Logarithme of the sine of its complement be taken out of 20,000000.

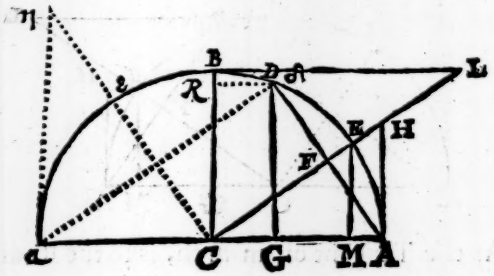
X. As the sine of the complement of an arch, is to the sine of it; so is the Radius, to the Tangent of the same arch.

s co arc. s arc :: Rad. t arc.

For

CM. EM :: CA. HA.

XI. The Tangents of arches, to the Tangents of their complements, and the sines of arches, to the Secants of their complements, are in reciprocal proportion.



THE DEMONSTRATION.

For if the two arches are A & B { t A. R :: R. t co A.
by § 8, as to the tangents { t B. R :: R. t co B.

Therfore, t A. t B. :: t co B. t co A

And

And by the 9th. § as to the secants } s arc A. R :: R. se co A.

XII. As the Radius, is to the sine of half an arch; so is the sine of that half arch doubled, to the versed sine of the whole arch.

$$R. s\tfrac{1}{2} arc :: 2 s\tfrac{1}{2} arc . s\ ver\ arc = \frac{2Q : s\tfrac{1}{2} arc.}{R.}$$

For

CA. AF:: AD. AG

XIII. As the Radius, is to the sine of an arch; so is the Tangent of that half arch, to the versed sine of the whole arch.

$$R.\ s arc :: t\tfrac{1}{2} arc .\ s\ ver\ arc = \frac{s arc \times t\tfrac{1}{2} arc.}{R}$$

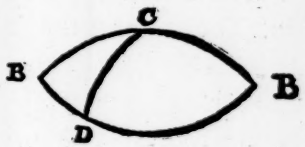
For

CA. DG:: AH. AG.

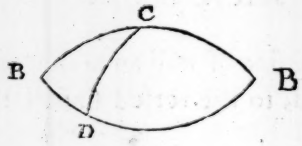
Conſect. $2Q\ s\tfrac{1}{2} arc = s\ ver\ arc \times R = s arc \times t\tfrac{1}{2} arc.$

XIV. If any ſpherical Triangle propoſed, have two ſides each bigger then a Quadrant: keep the leaſt ſide, and leaſt angle oppoſite to it: & for the other two ſides and angles, take their complements to a ſemicircle, or conjunct arches.

XV. If it be required to turn a propoſed ſpherical Triangle into another ſpherical Triangle, the ſides of which ſhall be equal to the angles of the propoſed Triangle: and the angles to the ſides; in ſtead of the greater angle of the propoſed Triangle, and the greater ſide ſubtending it, take their complements to a ſemicircle, reteining the two leſſer angles, and leſſer ſides ſubtending them.



Let



Let the greater angle be noted with B, whose complement to a semicircle is B'. So take D C' for B'; B D for C, and B C for D.

XVI. In Logarithms the Index of the Radius is 10, the double whereof 20, is the Logarithm of the Quadrat of the Radius.

I have here added three Schemes, noted with the letters A B C; which do briefly contain, as well the grounds of the Projection of the Sphere in Plain, as many other things necessary for the drawing and understanding of the Diagrams used in the Spherical Demonstrations.

Note that the Symbole $\overline{\nu}$ signifies equivalence in number of degrees; as D the right line $\overline{\nu}$ to the arch E, is the same as if I had said, the line D is equivalent to, in number of degrees (or contains as many degrees as) the arch E,

And that I call it a *Like arch*, which being numbered in a lesser circle, containeth so many degrees.

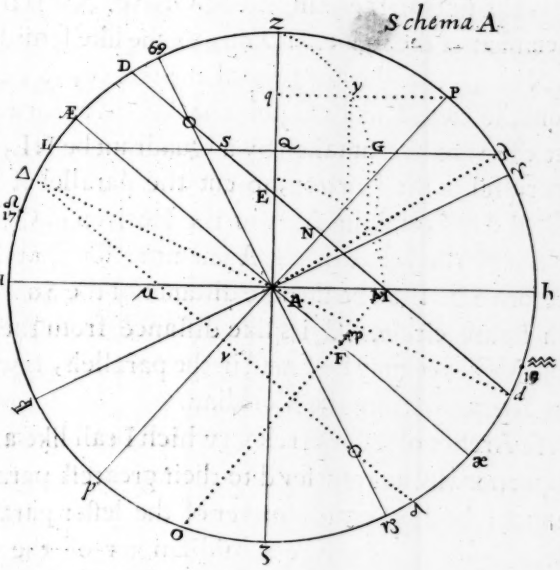
XVII. In the Scheme A.

1 The Circle H ♋ h ♑ is the Solstitiall Colure, and Meridian. The center A the East or West point.

2 H A h is the Horizon, whose Axis Z A ζ is also the Azimuth through East and West, or 90th. Æ A æ is the Æquinoctiall; its Axis P A p is also the sixth houre circle. ♋ A ♑ the Ecliptick; ♈ A ♎ its Axis, and is also a Circle passing through the Æquinoctiall points ♈ and ♎. h P the heighth of the Pole, whose complement H Æ is the elevation or height of the Æquinoctiall.

3 Sup-

3 Suppoſe the place of the Sun in ♌ 17, the diſtance from ♋ is 47 *gr.* or in ♒ 17, the diſtance from ♈ is 47 *gr.* which is eaſily found in the limbe by the next foregoing Cardinall point ♈ ♋ ♎ ♑.



4 Take the neereſt diſtance of the place of the Sun ſo found, from the axis of the Ecliptick ♈ A ♎, and in the Ecliptick meaſure equall unto it A ☉, in the ſemidiameter A ♋ for the Somer, or in A ♑ for the Winter, and through the point ☉ draw

draw a parallel to the Æquinoctial D d, △ ♁; which is the parallel of the ſunne for all that day.

5. Hence it appears that the ſunne that day riſes or ſets in the point M or ♎ culminates at noon in D or △: comes to the ſixth houre in N, the 90 th. Azimuth in E. Wherefore A M or A ♎, is the ſine of the Amplitude Ortive. N☉ is the like right aſcenſion of the ſunne. M D or ♎ △ the like ſemidiurnal arch. M N or ♎ ♈ the like aſcenſional difference, to be numbred from the next Cardinal point backward or forward.

6 Let the Suns height taken by a Quadrant be HL, Draw L Q λ parallel to the Horizon, to cut the parallel of Declination D N d in S, and the Axis of the Horizon in Q: S will be the place of the Sunne in the Analemme for that inſtant. Wherefore S N ſhall be the like diſtance of the Sunne from the ſixth houre circle. SQ its like diſtance from the 90 th. Azimuth. Whence may be found in the parallels, as well the houre, as Azimuth from the Meridian.

7 Thoſe Arches of leſſer circles (which I call like arches) may proportionally be transfer'd to their greateſt parallel, in this manner: As the Semidiameter of the leſſer parallel, is to the like diſtance; ſo is the Semidiameter of the Circle H Z h ζ, to the ſigne of the true diſtance from the Center.

We will inſtance in the like Aſcenſ. diff. N M (by which way of working all other like diſtances may reſpectively be reduced to their true ſines.)

To the end of the parallel NMd, draw a ſemidiameter A d, and within the Triangle ANd draw from M, the line M φ parallel to the baſe AN. it ſhall be Nd. NM :: Ad. φA φ=AF,

the

the ſine of the Aſcenſ: difference, by which the Semidiurnall arch is more or leſs then ſix houres.

8 Hence in the Analemme ſufficiently appeareth both the diviſion of the Semidiameter into degrees by right lines parallel to the axis let down from the degrees of the limbe, which are Signes. And ſo A N ♈ Æ D, & A Q ♈ H L.

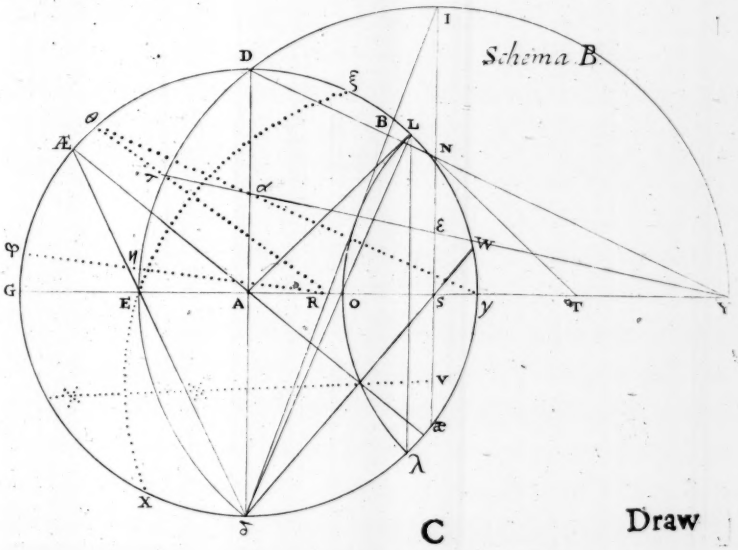
9 And alſo the deſcribing of an Ellipſis from a given point M, in any ration of the Tranſvers diameter A h, unto the ſecond diameter A M thus.

A h. A M:: Q λ. Q G:: q P. q γ. The crooked linedrawn with an equal hand through the points Z γ G M will be an Ellipſis.

XVIII. In the Schem B.

1 Let the line of meaſures be G A γ, in whoſe lower pole ☊ let the eye be ſuppoſed to be placed.

2 Let the great Circle to be deſcribed be Æ A æ, whoſe obliquitie is G Æ.



C

Draw

Draw the line ♑ E Æ, E will be its place in the line of measures; & G E ♈ G Æ. & A E ♈ D Æ. Therefore,

3 The Semidiameter is divided by the tangents of half degrees. So S ε ♈ E τ.

4 The description of the circle Æ A æ, is after this manner; from the pole of the line of measures D, measure D B = G Æ = B W; and draw the lines ♑ R B, ♑ S W; R will be the pole, and S the center of the circle ♑ E D Y; the Radius being S E = S ♑: for the angle: S E ♑ = S ♑ E, because the ang. E = A Æ E + Æ A E, that is A ♑ E + A ♑ S, for the arch D W = 2 G Æ.

5 To describe the parallel L λ whose pole is γ. Draw the Radius A L, and perpendicular to it L T (which touches the circle in L) I say T is the center of the parallel L O λ; the Radius being T O = T L. For the ang. T O L = T L O; because the ang. O = A L O + L A O, that is O L λ + λ L T.

6 If through S the center of the circle ♑ E D Y be drawn at right angles the line I S V in that line infinitely produced both wayes shall be the centers of all the circles bisecting the circle G D γ ♑ through the point E: such as is X E ξ, from the center V; in which the points X & ξ are diametrally opposed, as in the description of the houre circles.

7 We may conceive G D ♈ E D ♈ A D ♈ S N ♈ 90 gr: whence it follows, that.

The Quadrant E D is divided into degrees from its pole R by the degrees of the Quadrant G D; that is E τ ♈ G θ. for G θ ♈ A α ♈ S ε ♈ E τ. and therefore G θ ♈ E τ. all which æquivalencies the ingenious reader will easily conceive.

8 And conversively the given point τ in the Quadrant E D,

is

E D, is transferred into the limb, by drawing the line R τ from its pole R. Therefore if in the ſame great circle D E δ, another point η be given and through it be drawn the line R $\eta\varphi$: the arch $\theta\varphi$ will be the meaſure of the ſpace between τ & η.

XIX. In the Scheme C.

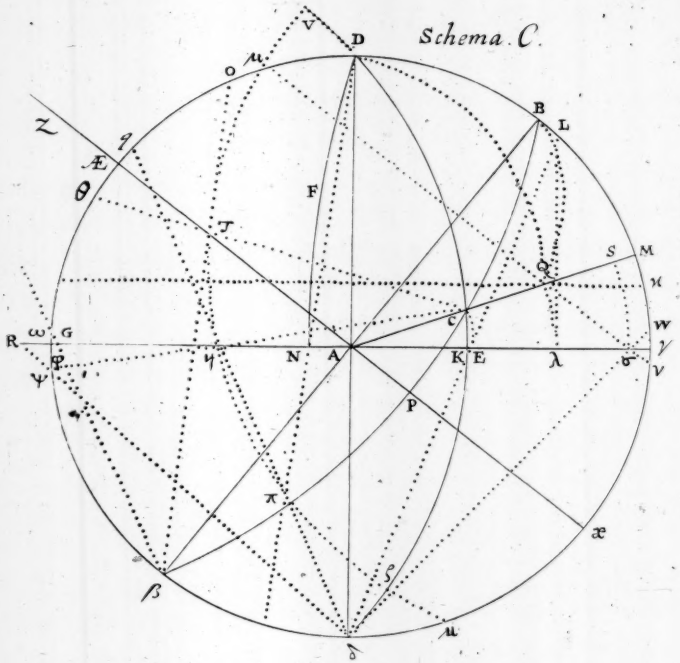
1. D B C is a ſpherical Triangle, and D B Q is an Elliptical triangle; both denoting the ſame; though after different manner of projection. And their angular points C & Q are in the ſame Radius A C Q M.

2. C being given to find Q in this order } A C = A E. δ E L. L λ. A λ = A Q.

Q, being given to find C, in this order } A Q = A λ. λ L. L E δ. E A = AC.

L λ is perpendicular to the line A γ.

3. Make L W = D L, and draw $\delta\sigma$ W, alſo make A S = A σ: and D μ = γ M. Then S being the center, and S μ the Semidiameter, deſcribe the circle $\mu\eta\tau\mu$ cutting A G in η, and A Æ in τ, and the ſide B C in π, and the ſide D C in ς and V. η will be the pole of the baſe D C; τ the pole of the leg B C; and A the pole of the leg D B: which is manifeſt.



4 From C the pole of the circle $\mu n \tau$, draw two right lines C $\tau\theta$ & C $n\varphi$; Then is $\varphi\theta = \tau n =$ ang: C.

5 Draw δn q, and measure q $\downarrow$ = D q: Then through $\downarrow$ draw $\delta \downarrow$ R: R will be the Center of the arch D C δ. in like manner draw $\beta \tau$ o, and make o ω = B o: Then through ω draw $\beta \omega$ Z, Z will be the Center of the arch B C β; so is the Triangle D B C described.

6 If

6 If through the angular point Q be drawn two right lines, the one Q $\varkappa$ parallel to the Diameter G A γ, the other Q ν parellel to the Diameter Æ A æ, then will $\gamma\varkappa \bar{\vee}$ C K, and æ $\nu \bar{\vee}$ C P.

7 The three interior angles of a ſpherical Triangle together, do exceed two right angles, or 180 degrees. For in the Triangle A $\tau\pi$, A = D B, τ = P π = B C $\bar{\vee}$ B ν, π = K ξ' = D C' = δ C $\bar{\vee}$ $\delta\varkappa$. But D B + B ν + $\delta\varkappa$ = 180 + $\varkappa\nu$.

8 Hence it followes, that in a right angled Spher: Triang: one of the acute angles is greater then the complement of the other.

9 It followes alſo, that if we ſuppoſe $\varkappa\nu$ = 2 gr. and make A N $\bar{\vee}$ $\varkappa\nu$; and draw the arch D F N: the Triang. A $\eta\tau$ = A D F N. For either of them conteines two right angles and two degrees: But the Triang. A D F N is equall to a 180 th. part of the ſuperficies of the Hemiſphere; that is a 360 th. of the whole Sphere.

The Reducation to ſquare degrees (which is the known meaſure) is performed thus. Say 355. 113. :: 360. 114 $\underline{59155}$, which is as well the Diameter of the greateſt circle, as the meaſure of one 360 th. part of a ſuperficies = to the Sphere, in ſquare degrees. For 360 × 114$\underline{59155}$ = 4 greateſt circles = ſuperficies of the Sphere; which being divided by 360, you have again 114.$\underline{59155}$.

If any other number of degrees be propoſed, viz: 26. Say. 1. 114$\underline{59155}$:: 26. 2988$\underline{7403}$.

CHAP.

CHAP. II.

The Calculation of plain Triangles: and first of a plain right angled Triangle.

I. IN the resolution of plaine Triangles, the angles only being given, the sides cannot be found; but only the ratio of the sides. Wherefore it is necessary, that one of the sides be known.

And in a right angled Triangle, two termes (besides the right angle) will serve for the finding out of the third; so that one of them be a side. Therefore in the Calculation, three termes are ingredient.

II. If of the three ingredient termes, one be the Hypotenuse: Then, as the Radius, is to the sine of an acute angle: so is the Hypotenuse, to the side subtending the said angle; And so is the secant of the other acute angle, to the Radius.

Rad. s B :: BC. CA :: *se* C. *Rad.*

Rad. s C :: BC. BA :: *se* B. *Rad.*

III. If

III. If neither of the three ingredient termes, be the Hypotenuse: Then, as the Radius, is to the tangent of an acute angle: so is the right side lying to that angle, to the side ſubtending the ſame angle; And ſo is the Tangent of the other cute angle, to the Radius.

Rad. *t* B :: BA. CA :: *t* C. *Rad.*

Rad. *t* C :: CA. BA :: *t* B. *Rad.*

Of a plain oblique angled Triangle.

IV. In an oblique angled Triangle, If three termes be given, ſo that one of them be a ſide, a fourth may be found. Therefore there are four termes ingredient in the calculation.

V. If the four ingredient termes in the calculation, be mutually oppoſed, *viz.* two angles with their ſubtending ſides: The ſines of the angles, are in direct proportion to the ſines of the ſubtening ſides. But here it ought to be know, whether the angle ſought be acute, or obtuſe.

s B. DC :: *s* C. BD :: *s* D. BC.

For *Rad.* *s* B :: BC. CA.

Rad. *s* D :: DC. CA.

---

s B. *s* D :: DC. BC.

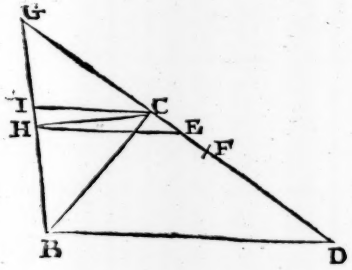
VI. Two

VI. Two legs, with the angle intercepted, being given; to find the other two angles. Subduct the angle given out of 180, and you ſhall have the ſumme of the other angles. Then ſay, as the half ſumme of the legs given, is to their half difference: ſo is the Tangent of the half ſumme of the other angles, to the Tangent of their half difference.

Laſtly, to the half ſumme of the other angles, adde their half difference, and you will have the greater angle ſought; Subduct it, and you will have the leſſer angle ſought.

$\frac{1}{2}$Z crur. $\frac{1}{2}$X crur. :: t $\frac{1}{2}$Z ∠ . t $\frac{1}{2}$X ∠.

$\frac{1}{2}$Z ∠ $\pm$ $\frac{1}{2}$X ∠ = ang. $\begin{cases}\text{greater}\\ \text{leſſer}\end{cases}$



DEMONSRATION.

For in the Triang. B C D, let the legs be C B, C D; & C G = C B. Wherefore $\frac{1}{2}$Z crur. = E G, and $\frac{1}{2}$X crur. = E C. Draw C H biſecting B G at right angles, and make the ang. G C I = D. Then will the ang. G C H = $\frac{1}{2}$ Z ∠ B and D, whoſe

whoſe tangent is H G: and the ang. I C H = ½ X ∠ B and D, whoſe tangent is H I.

But E G. E C :: H G. H I. That is:

½ Z cru. ½ X cru :: t ½ Z ∠ . t ½ X ∠.

VII. Having the three ſides given, how to find any angle. As the rectangle under the leggs of the angle ſought, is to the rectangle under the half ſumme of the Baſe and the difference of the leggs, into the halfe difference of the Baſe and difference of the leggs: ſo is the Quadrat of the Radius, to the Quadrat of the ſine of halfe the angle ſought.

$$\square \text{ cru.} \frac{B + X \text{ cru}}{2} \times \frac{B - X \text{ cru.}}{2} :: \text{R q. Q: s } \tfrac{1}{2} \text{ ang.}$$

Or otherwiſe. As the rectangle under the leggs of the angle ſought, is to the rectangle under the half ſumme of the ſumme of the leggs and the baſe, into the halfe difference of the ſumme of the leggs and the baſe: ſo is the quadrat of the Radius, to the Quadrat of the ſine of the complement of half the angle ſought.

$$\square \text{ cru.} \frac{Z \text{ cru} + B}{2} \times \frac{Z \text{ cru.} - B}{2} :: \text{R q. Q : s co. } \tfrac{1}{2} \text{ ang.}$$

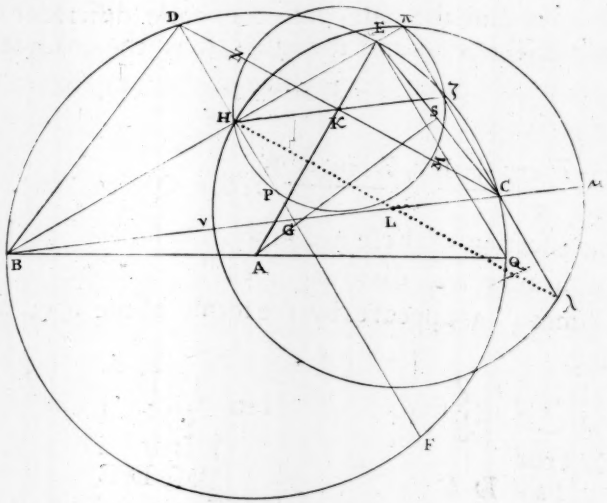
The effection of theſe two problemes for the avoiding of multiplication and diviſion, is eaſily performed by the Logarithmes; as appeares by the forme of the operation following.

cru { B D. Log ? / B C. Log ? } ſum.	cru { B D. Log ? / B C. Log ? } ſum.
X cru	Z cru
Baſe D C	Baſe D C
Baſe + X cru. 1	Z cru + Baſe. 1
Baſe − X cru. 2	Z cru − Baſe. 2

Half 1. Log.	Half 1. Log.
Half 2. Log.	Half 2. Log.
+ 2 R — Log ſumme	+ 2 R — Log : ſumme
Is the double ſine	Is the double : sco
of $\frac{1}{2}$ ang. B	of $\frac{1}{2}$ ang. B.

DEMONSTRAION.

Let there be a plain Triangle B C D, of which the three ſides are given, namely B C, B D, the leggs, and D C the baſe of the angle B ſought; circumcribe the Triangle with a circle, whoſe Diameter is B A Q, and biſect the angle B, with the line B E, which ſhall alſo biſect the arch D C; meaſure Q F = D E; and draw two lines. *viz:* D H, G F, cutting B E in H, and B C in G: and E Q, which ſhall be parallel to D F.



And

And a third line parallel to them through C cutting E E produced in π. The angles E π H shall be right angles: and B G = B D: and H G = D H. Draw also C E and A S a perpendicular unto it from the Center. Then the base D C being bisected in K, and G C the difference of the leggs in L, from the point H draw H K ζ, and H L λ, concurring with C π in ζ and λ. Tis manifest that the Triangles D K H, C K ζ, H L G, λ L C, are equal and like: and therefore H L λ is equal and parallel to the Base D C. Then K being the Center, and the Diameter H ζ; and L being the center; the Diameter H λ; describe the circles H π ζ, and H π λ, passing also through π, because the angle π, is a right being in a semicirle; and the arches H P, π ζ in the lesser circle are equal. These being explained and cleerly proved. I say,

I°. Rq. Q. s $\frac{1}{2}\angle$ B :: B D × B C. $\frac{\text{B+X cru.}}{2} \times \frac{\text{B-X cru}}{2}$

For, $\left\{\begin{matrix} \text{A E. E S :: B D. D H} \\ \text{A E. E S :: B C (C}\pi\text{) D P} \end{matrix}\right\} = \left\{\begin{matrix} \text{D M} \\ \text{D N} \end{matrix}\right\} \times$ Ergo

I I°. Rq. Q. s co $\frac{1}{2}\angle$ B :: B D × B C. $\frac{\text{Z cru + B}}{2} \times \frac{\text{Z cru.- B.}}{2}$

For $\left\{\begin{matrix} \text{A E. A S :: B D. B H.} \\ \text{A E. A S :: B C. B}\pi \end{matrix}\right\} = \left\{\begin{matrix} \text{B}\mu \\ \text{B}\nu \end{matrix}\right\} \times$ Ergo

For D M = D K + G L. and D N = D K − G L.

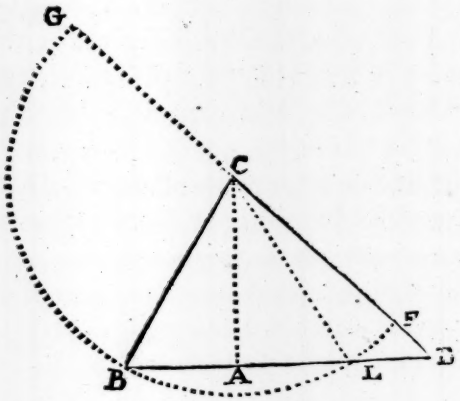
And B μ = B L + D K. and B ν = B L − D K.

Because G L = H K = K M. and D K = H L = L μ.

VIII. Or otherwise, three sides being given, the angles are found thus.

As the summe of the cases of the base, is to the summe of the leggs: so is the difference of the leggs, to the differences of the cases of the Base.

DA+BA. DC+CB:: DC−CB. DA−BA.
that is DB. DG :: DF. DL.



For in the Triang. BCD the greater baſe BD is Z of the caſes = DA + BA: and the leſſer baſe DL is X of the caſes = DA − BA.

And Z cru. = DG. X cru = DF.

But BD. DG :: DF. DL.

Then DB − DL = 2BA. And DB − BA = DA.

Laſtly, CB. BA :: R *sco.* B.

And CD. DA :: R *sco.* D.

IX. But if two ſides be given, with the angle oppoſite to one of them, to find the third ſide, or the angle oppoſite to the third ſide, you muſt firſt find the angle oppoſite to the other of the ſides given, whence you may have both the third angle, and ſide ſubtending it.

CHAP.

CHAP. III.

The Calculation of Spherical triangles, and first of a right angled Spherical triangle.

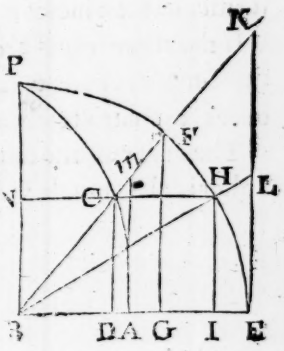
I. THE Sines of the Hypotenuses, are to the Sines of the Catheti, in direct proportion.

R. *s*BC :: *s*B. *s*CA

II. The Sines of the Bases, to the Tangents of the Catheti, are in direct proportion.

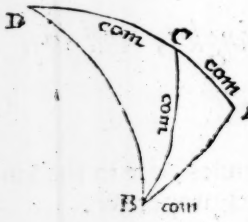
R. *s*BA :: *t*B. *t*CA
Wherefore R. *t co*B :: *t*CA. *s*BA

For (according to what is delivered in the Scheam A) suppose B P E to be a Quadrant of the Analemme, in which are described, the Spherical triangles B F E the greater, and BCA the lesser: together with the Sines of the arches F G. C D = H I, and the Tangents K E, L E. First, 'tis manifest, *s* hypot. BF. BC :: *s* cath. FG. CD. Secondly, *s* bas. BE. BA :: *t* cath. KE. MA = LE. for BN. EL :: HN. BE :: NC. AB :: BN. AM.



III. In

III. In a Spherical Triangle, which has either one angle a right angle; or one side equal to a Quadrant of a circle (which is therefore called a Quadrantal) there are five circular parts or terms, for the Quadrant is not numbred amongst the terms. And of the five terms, besides those which are on each side neerest to the right angle, or Quadrantal side, the other three are turned into their complements as appears in the Scheam. Two of these terms being given, a third may be found. Three terms therefore are ingredient into the calculation.



IV. If of these three ingredient terms, two are next together, the third remote from both: It shall be; As the Radius, is to the Sine of the complement of one of those next terms: So is the Sine of the complement of the other next terme, to the Sine of the remote term.

If the three terms are all next. Then, As the Radius, is to the Tangent of one extreame terme; So is the Tangent of the other extream term, to the Sine of the middle term.

The order of the five circular terms, in the right angled Spherical Triangle B A C.

C A,

C A, B A, co B, co B C, co C. and it ſhall be.

Rad.	C A. B A. co BC	Rad.	C A. co B. B A
	B A. co B. co C		B A. co B C. co B
	co B. co B C. C A		co B. co C. co BC
	co BC. co C. B A		co BC. C A co C
	co C. C A. co B		co C. B A. C A.
	next remote		extream middle
	s co sin.		tang. sin.

Hence ariſe ſo many Analogiſmes.

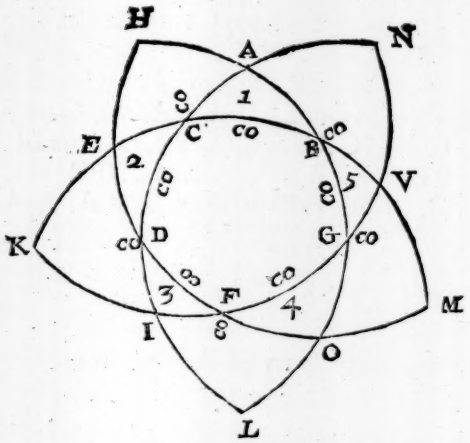
R. s B :: s BC. s C A	R. t co B :: t C A. s B A
R. s C :: s BC. s B A	R. t B A :: t co C. s C A
R. s co BA :: s B. s co C	R. t co B C :: t B A s co B
R. s C :: s co C A s co B	R. t C A :: t co BC s co C
R. s co CA :: s co BA s co BC	R. t co C :: t co B. s co B C

DEMONSTRATION.

The quinquangle in the middle of the Scheam is included with the Hypotenuſes of five right Triangles, noted with the figures 1, 2, 3, 4, 5.

In each of which, let the preceding angle be ſuppoſed B, the following C, and the right A. The circular terms of the four later triangles (2, 3, 4, 5,) are compared with the circu-

lar



lar terms of the first, according to the Tables following, in two equal proportions; the first of which is taken out of the Analogismes; the later is the same with the 1, only the letters changed.

	Tri.	
R. *s* B :: *s* BC. *s* CA		R. *t co* B :: *t* C A. *s* BA
R. *s* BC :: *s* C. *s* BA		R. *t* BA :: *t co* C. *s* CA
R. *s* F :: *s* F G. *s* G O	4 3	R. *t co* D :: *t* F I *s* D I
R. *s co* B A :: *s* B. *s co* C		R. *t co* B C :: *t* B A *s co* B
R. *s* D :: *s* D F. *s* F I	3 4	R. *t co* F :: *t* G O. *s* F O
R. *s* C :: *s co* C A *s co* B		R. *t* C A :: *t co* B C *s co* C
R. *s* C :: *s* C D. *s* D E		R. *t co* G :: *t* B V *s* G V
R. *s co* CA :: *s co* BA *s co* BC	2 5	R. *t co* C :: *t co* B. *s co* B C
R. *s* G :: *s* G B. *s* B V	5 2	R. *t co* C :: *t* D E *s* C E

Note that by Sect : 8 C : 1, the five laſt Analogiſmes concerning the Tangents may be varied three ways, ſo that the Radius may be in the firſt place, and each of the three ſpecies in the laſt.

For example
R. *t co* B :: *t* C A. *s* BA.
R. *s* B A : : *t* B. *t* C A
R. *s* BA : : *t co* CA. *t co* B

A quadrantal Triangle is meaſured after the manner of a rightangled Triangle, *mutatis mutandis*..

The order of the circular termes in the Quadrantal Triangle B C D. is

B, D, *co* DC, *co* C, *co* BC. And.

Rad.		Rad.	
B.	D. *co* C	B *co* D C.	D
D. *co*	DC. *co* BC	D. *co* C. *co*	D C
co DC.	*co* C. B	*co* DC. *co*	BC. *co* C
co C.	*co* BC. D	*co* C. B.	*co* B C
co BC.	B *co* D C	*co* B C.	D. B
next	*remote*	*extreme*	*midd.*
s co	*ſine*	*tang.*	*ſin.*

If any one deſire the Analogiſmes, hee may from hence eaſily obtaine them.

Otherwiſe for the Quadrantal triangle B C D, reſolve the adiunct rectangled triangle B A C.

V. Of an Oblique angled Spherical Triangle: